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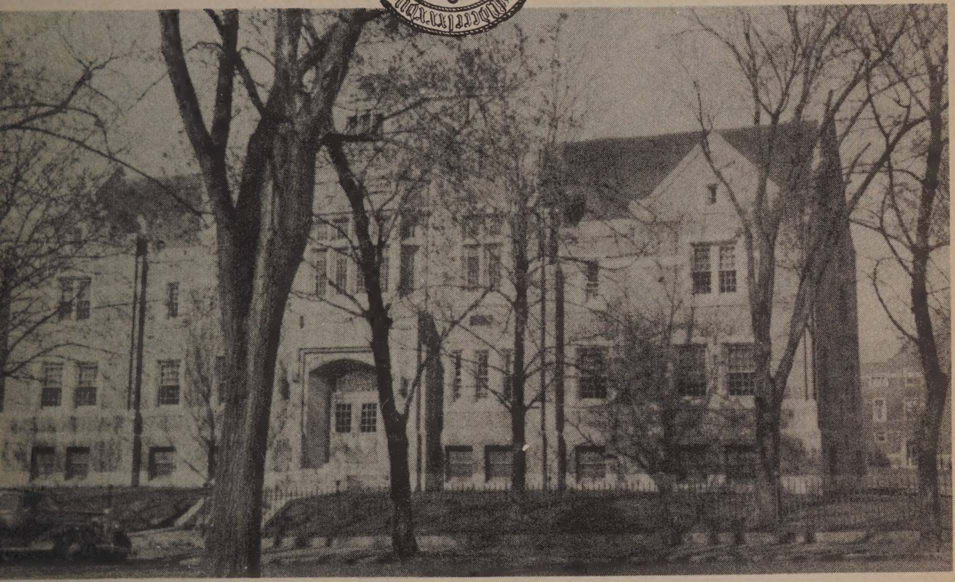
WORCESTER, MASS.

Vol. 9 JUNE, 1940 No. 1

ALUMNI REGISTER

CLARK UNIVERSITY LIBRARY
WORCESTER, MASS.

ALUMNI REGISTER



The Alumni Gymnasium

WORCESTER, MASSACHUSETTS
JUNE, 1940

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CLARK UNIVERSITY
WORCESTER, MASSACHUSETTS

OFFICE OF THE PRESIDENT

To the Members of the Alumni:

In republishing the Alumni Register we have taken great pains to secure accurate information regarding each member of the alumni body, but again we have failed to receive replies from a number on the list and therefore we feel certain there are errors in the material. We invite your cooperation in sending in corrected data as promptly as possible and in keeping us informed so that when the lists are again republished they will be entirely satisfactory to everyone. The register is divided into three parts: in the first division we present the information available about each individual, with the names arranged by classes; in the second division the names are grouped geographically; and in the third division there is an alphabetical list. Where the name of the college is not given, the degree listed was received from Clark.

We are now well equipped to provide for 500 students in the College Division. There is a good Freshmen dormitory, an excellent athletic field, a modern gymnasium with student club room facilities, a new auditorium with modern stage equipment for dramatic and musical programs, an unusually large and well equipped library provided for both undergraduate and graduate work, and an adequate staff of highly trained specialists. We offer each year about 180 semester courses, and even with the maximum number of students in the college no one of the classes should be very large. We cordially invite your cooperation in building up the student body so that we may have an appropriate economic unit and can continue to maintain a superior faculty.

We are sending a complimentary copy of the Register to each one whose name appears in the volume. We hope it will prove of interest to you on many occasions, and it may prove of value to you in keeping up your associations with other members of the Clark group and in planning local reunions or organizations of the alumni body.

With kindest personal regards, I am

Cordially yours,

Wallace W. Atwood

President.

HISTORICAL NOTE

The University owes its existence to the interest in higher education of Jonas Gilman Clark, who was born at Hubbardston, Worcester County, Massachusetts, February 1, 1815. Conscious of the meagreness of his own early educational opportunities, he devoted his later years to the establishment and nurture of the institution which bears his name. In this he was ably assisted by his wife, Susan W. Clark, and by prominent citizens of Worcester. Mr. Clark died at Worcester on May 23, 1900.

The charter of the University was granted by the General Court of Massachusetts in 1887. The Graduate Division, with Granville Stanley Hall as president, received its first students in 1889. Special provision was made in Mr. Clark's will for the establishment of a collegiate Undergraduate Division with its own president but under the same general control as the Graduate Division. Carroll Davidson Wright was chosen president of the Undergraduate Division and students were first received in October, 1902. After the death of President Wright in 1909, Edmund Clark Sanford, then Professor of Psychology in the Graduate Division, was chosen as President of the college.

In June, 1920, Presidents Hall and Sanford resigned and Wallace Walter Atwood was elected to the presidency of both the Graduate and Undergraduate Divisions of the University.

During the academic year 1920-21 the two faculties continued their separate organizations while plans for unification were being worked out. These plans, approved by the Board of Trustees, went into effect in 1921-22 and provided for the fusion of the two faculties into a single body.

With the election of President Atwood, provision was made for the establishment of a Graduate School of Geography, and work in that school was begun in the fall of 1921.

Through the cooperation of the trustees, faculty, alumni, students, and the friends of the University in Worcester, about $425,000 was provided for the erection of two new buildings which have been added to the physical equipment of the main campus. The Alumni Gymnasium was dedicated in March, 1938, and the new auditorium building, Atwood Hall, in which there is a stack tower which will provide for the normal growth of the library for forty or fifty years, was dedicated in January, 1939.

In 1920 the enrollment in the college was about 170. At the opening of the present academic year, 1939-40, 285 men were enrolled in the college. More students apply for admission to the Graduate School each year than can be accommodated. There is virtually a waiting list in the various departments of the Graduate Division. In the current year, 1939-40, there are 119 graduate students in residence and a number of local people who are taking part time work. The Extension Division commonly enrolls about 200 students, and the Summer School, established in 1921, now enrolls from 150 to 200. Each year between 700 and 800 students register for work at the University.

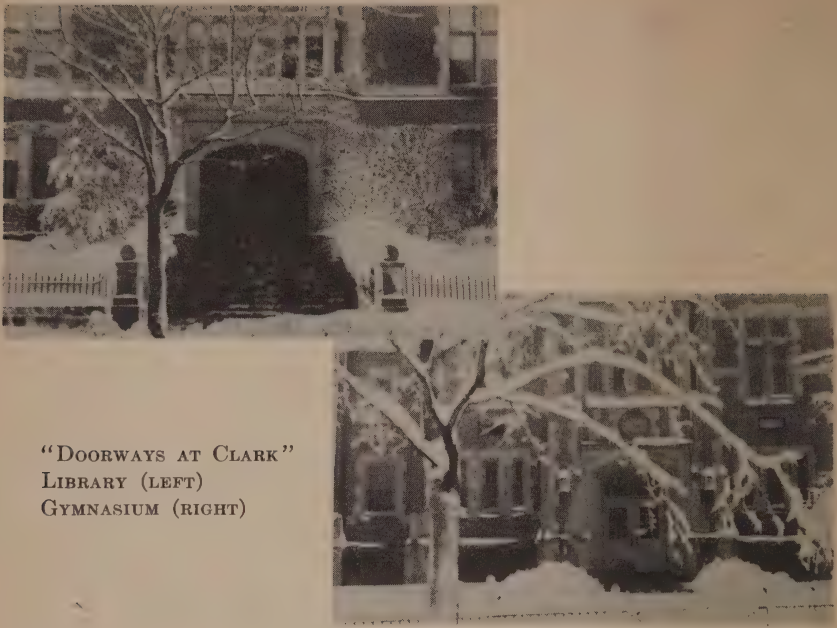
FORMER BOARD OF TRUSTEES

Joseph Sargent	1887-1888
Charles Devens	1887-1891
William W. Rice	1887-1896
Jonas G. Clark	1887-1900
George Swan	1887-1900
Frank P. Goulding	1887-1901
John D. Washburn	1887-1903
George F. Hoar	1887-1904
Stephen Salisbury	1887-1905
Edward Cowles	1889-1908
Thomas H. Gage	1891-1909
Rockwood Hoar	1900-1906
Charles H. Clark	1900-1908
Phillip W. Moen	1901-1904
A. George Bullock	1901-1926
Orlando W. Norcross	1902-1920
Arthur F. Estabrook	1904-1919
Francis H. Dewey	1904-1933
Lucius Tuttle	1907-1914
Herbert Parker	1907-1939
Austin S. Garver	1908-1918
Arthur P. Rugg	1910-1938
Charles H. Thurber	1913-1938
Alfred L. Aiken	1919-1929
Stedman Buttrick	1920-1925

PRESENT BOARD OF TRUSTEES

George H. Mirick (1920), Vice President and Treasurer	Worcester, Mass.
Frederic B. Washburn (1925)	Worcester, Mass.
Alexander H. Bullock (1926), President	Worcester, Mass.
Leon E. Felton (1930), Secretary	Worcester, Mass.
Francis H. Dewey, Jr. (1934)	Worcester, Mass.
Robert H. Loomis (1936)	Boston, Mass.
Frank L. Adams (1938)	Worcester, Mass.
Howard M. Booth (1939)	Worcester, Mass.
Samuel H. Dolbear (1940)	New York, N. Y.

Final authority in all matters pertaining to the University is lodged in the Board of Trustees by charter granted by the General Court of the Commonwealth of Massachusetts.



"Doorways at Clark"
Library (left)
Gymnasium (right)

ADMINISTRATIVE OFFICERS

President of the University and Director of the Graduate School of Geography	W. W. Atwood, Sr.
Acting Librarian	Edith M. Baker
Curator of the Art Collection	L. H. Dodd
Dean of the College	H. P. Little
Director of the Summer School	R. S. Illingworth
Director of Extension Courses	P. H. Churchman
Recorder	Lydia P. Colby
Bursar	Florence Chandler

20 70

UNIVERSITY STAFF

THE UNIVERSITY FACULTY

(Listed in order of academic seniority within each rank.)

Wallace Walter Atwood, Ph.D. 160 Woodland St.

President, Professor of Physical and Regional Geography, and Director of the Graduate School of Geography, since 1920.
B.S., University of Chicago, 1897; Ph.D., 1903.

Homer Payson Little, Ph.D. 156 Woodland St.

Dean of the College and Professor of Geology since 1922.
A.B., Williams College, 1906; Ph.D., Johns Hopkins University, 1910.

William Henry Burnham, Ph.D. 136 Elm St.

Professor of Education and School Hygiene, 1906-26. Professor Emeritus.

William Homer Warren, Ph.D.

Professor of Organic Chemistry, 1925-1937. Professor Emeritus.

Douglas Clay Ridgley, Ph.D.

Professor of Geography in Education, 1927-1937. Professor Emeritus.

Benjamin Shores Merigold, Ph.D. 17 Charlotte St.

Professor of Chemistry and Director of the Chemical Laboratories.
A.B., Harvard University, 1896; A.M., 1897; Ph.D., 1901. Assistant Professor, 1903-08; Professor since 1908.

George Hubbard Blakeslee, Ph.D., L.H.D., LL.D. 21 Downing St.

Professor of History and International Relations.
A.B., Wesleyan University, 1893; L.H.D., 1923; A.M., Harvard University, 1900; Ph.D., 1903; L.H.D., Williams College, 1930; LL.D., Brown University, 1936. Instructor, 1903-04; Assistant Professor, 1904-09; Professor since 1909.

Philip Hudson Churchman, Ph.D. 20 Institute Rd.

Professor of Romance Languages and Director of Extension Courses.
A.B., Princeton University, 1896; A.M., 1903; Ph.D., Harvard University, 1908. Assistant Professor, 1908-11; Professor since 1911.

Haven Darling Brackett, Ph.D. 114 Woodland St.

Professor of Greek and Latin.
A.B., Amherst College, 1898; Ph.D., Harvard University, 1904. Instructor, 1904-06; Assistant Professor, 1906-12; Professor since 1912.

Leroy Allston Ames, A.M. 166 Woodland St.

Professor of English Literature.
A.B., Harvard University, 1896; A.M., 1901. Instructor, 1908-10; Assistant Professor, 1910-15; Professor since 1915.

Loring Holmes Dodd, Ph.D. 88 Sagamore Rd.

Professor of Rhetoric. Curator of Art.
A.B., Dartmouth College, 1900; A.M., Columbia University, 1901; Ph.D., Yale University, 1907. Instructor, 1910-13; Assistant Professor, 1913-16; Associate Professor, 1916-20; Professor since 1920.

*Robert Hutchins Goddard, Ph.D.

Professor of Physics and Director of the Physical Laboratories.
B.S., Worcester Polytechnic Institute, 1908; A.M., Clark University, 1910; Ph.D., 1911. Instructor, 1914-15; Assistant Professor, 1915-19; Associate Professor, 1919-20; Professor since 1920.

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* Absent on leave, 1939-40

Samuel J. Brandenburg, Ph.D. 173 Woodland St.

Professor of Economics and Sociology since 1923.
A.B., Miami University, 1904; Ph.M., University of Chicago, 1909; Ph.D., University of Wisconsin, 1922.

Clarence Fielden Jones, Ph.D. 193 Lovell St.

Professor of Economic Geography.
B.S., University of Chicago, 1917; Ph.D., 1923. Assistant Professor, 1923-26; Associate Professor, 1926-28; Professor since 1928.

Walter Elmer Ekblaw, Ph.D. Wheeler Ave., N. Grafton, Mass.

Professor of Geography.
A.B., University of Illinois, 1910; A.M., 1912; Ph.D., Clark University, 1926. Associate Professor, 1926-28; Professor since 1928.

Hudson Hoagland, Ph.D. 150 Woodland St.

Professor of General Physiology since 1931.
A.B., Columbia University, 1921; M.S., Massachusetts Institute of Technology, 1924; Ph.D., Harvard University, 1927.

Samuel Van Valkenburg, Ph.D. 11 South Flagg St.

Professor of Climatology and Regional Geography.
Ph.D., University of Zurich, 1918. Special Lecturer in Geography, second semester, 1926-27; Assistant Professor, 1927-29; Associate Professor 1932-37; Professor since 1937 (February).

Jesse Lunt Bullock, Ph.D. 35 Downing St.

Professor of Chemistry.
A.B., Harvard University, 1914; A.M., 1928; Ph.D., 1932. Assistant Professor, 1926-32; Associate Professor 1932-37; Professor since 1937 (February).

James Ackley Maxwell, Ph.D. 9 Shirley St.

Professor of Economics.
A.B. Dalhousie University, 1921; A.M., Harvard University, 1923; Ph.D., 1927 (February). Instructor, 1924-26; Assistant Professor, 1926-28; Associate Professor, 1928-37; Professor since 1937 (February).

Vernon Jones, Ph.D. 267 Salisbury St.

Professor of Educational Psychology.
A.B. and A.M., University of Virginia, 1920; A.M., Columbia University, 1924; Ph.D., 1926. Associate Professor, 1926-38; Professor since 1938 (February)

Arthur Fletcher Lucas, Ph.D. 31 Stoneland Rd.

Professor of Economics and Sociology.
A.B., Bates College, 1920; A.M., Princeton University, 1923; Ph.D., 1925. Assistant Professor, 1926-29; Associate Professor, 1929-38; Professor since 1938 (February).

*Dwight Erwin Lee, Ph.D. 8 Shepard St.

Professor of Modern European History.
A.B., University of Rochester, 1921; A.M., 1922; Ph.D., Harvard University, 1928 (February). Assistant Professor, 1927-30; Associate Professor, 1930-38; Professor since 1938 (February).

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* Absent on leave, second semester, 1939-40

UNIVERSITY STAFF

Henry Donaldson Jordan, Ph.D. — 171 Woodland St.

Professor of English History.
A.B., Harvard University, 1918; A.M., 1922; Ph.D., 1925. Associate Professor 1931-38; Professor since 1938 (February).

Robert Stanley Illingworth, A.M., Ed.M. — 209 Lovell St.

Professor of Dramatic Art. Director of the Summer School.
A.B., Clark University, 1917; A.M., Lafayette College, 1926; Ed.M., Harvard University, 1933. Associate Professor of English, 1931-38; Professor since 1938 (February).

David Potter, Ph.D. — 974 Main St.

Professor of Biology.
B.Sc., Massachusetts Agricultural College, 1916; M.Sc., 1923; Ph.D., Harvard University, 1931. Instructor, 1924-27; Assistant Professor, 1927-33; Associate Professor, 1933-38; Professor since 1938 (February).

Raymond B. Cattell, Ph.D. — 183 Pleasant St., Leicester, Mass.

Professor of Genetic Psychology.
B.Sc., University of London, Kings College, 1924; M.A. and Ph.D., 1929. Associate Professor, 1938-39; Professor since 1939.

Carey Eyster Melville, A.B. — 16 Isabella St.

Associate Professor of Mathematics.
A.B., Northwestern University, 1901. Assistant in Mathematics, 1906-09; Instructor, 1909-11; Assistant Professor, 1911-18; Associate Professor since 1918. Registrar, 1914-32.

Percy Martin Roope, Ph.D. — 2 Lovell Drive

Associate Professor of Physics.
A.B., Clark University, 1920; A.M., 1924; Ph.D., 1927. Instructor, 1921-27; Assistant Professor, 1927-31; Associate Professor since 1931.

Heinrich Morant Bosshard, Ph.D. — 952 Main St., Leicester, Mass.

Associate Professor of German.
Ph.D., University of Zurich, 1919; M.Ed., Harvard University, 1921. Assistant Professor, 1927-32; Associate Professor since 1932.

David Mitchell Dougherty, Ph.D. — 5 Columbine Rd.

Associate Professor of Romance Languages.
A.B., University of Delaware, 1925; A.M., Harvard University, 1927; Ph.D., 1932. Assistant Professor, 1931-40; Associate Professor since 1940 (February).

Wallace Walter Atwood, Jr., Ph.D. — 88 Morningside Rd.

Associate Professor of Physiography and Regional Geography.
B.S., University of Chicago, 1926; A.M., Clark University, 1927; Ph.D., 1930. Assistant Professor, 1932 (February) - 1940; Associate Professor since 1940 (February).

Harold S. Jantz, Ph.D. — 2 Lowell St.

Assistant Professor of German since 1934.
A.B., Oberlin College, 1929; A.M., University of Wisconsin, 1930; Ph.D., 1933.

Robert H. Brown, Ph.D. — 7 Brookline St.

Assistant Professor of Experimental Psychology since 1937.
A.B., Wesleyan University, 1932; A.M., Clark University, 1933; Ph.D., 1935.

Duncan Peck MacDougall, Ph.D. — 106 Woodland St.

Assistant Professor of Chemistry since 1937.
A.B., Pomona College, 1929; Ph.D., University of California, 1933.

UNIVERSITY STAFF

Frederick Eugene Melder, Ph.D. 8 Breezy Green Rd., Leicester, Mass.

Assistant Professor of Economics and Sociology since 1937.
B.B.A., University of Washington, 1926; M.A., 1931; Ph.D., University of Wisconsin, 1936.

Donald E. Super, M.A. 18 Downing St.

Assistant Professor of Educational Psychology since 1938.
B.A., University of Oxford, 1932; M.A., 1936; Ph.D., Columbia University, 1940.

Andrew Hoover, Ph.D. 9 Hadwen Lane

Assistant Professor in English.
A.B., University of Kentucky, 1932; Ph.D., Yale University, 1939.
Instructor, 1936-39; Assistant Professor since 1939 (February).

Guy A. Lee, Ph.D. 95 Maywood St.

Assistant Professor in American History.
A.B., Wabash College, 1932; A.M., Harvard University, 1934; Ph.D.,1938.
Instructor, 1937-38; Assistant Professor since 1939 (February).

Rudolph Fink Nunnemacher, Ph.D. 2 Clement St.

Assistant Professor of Biology since 1939.
B.S., Kenyon College, 1934; M.A., Harvard University, 1935; Ph.D., 1938.

Stuart T. Martin, D.Sc. 230 Pleasant St., Leicester, Mass.

Assistant Professor of Physics and Mathematics.
B.S., Massachusetts Institute of Technology, 1934; D.Sc., 1938.
Instructor, 1938-40; Assistant Professor since 1940 (February).

H. Earle Johnson, Mus.M. 15 Chatham Place

Instructor in Music since 1936, and Director of the Musical Organizations.
Mus.B., Boston University, 1932; Mus.B., Yale University, 1933; Mus.M., 1934.

Paul F. Marble A.M. 16 Marble St.

Instructor in English since 1940.

OTHER MEMBERS OF THE STAFF

Gregory Pincus, Ph.D. 60 Downing St.

Visiting professor of experimental biology.

Guy H. Burnham, A.M. 19 Woodman Rd.

Cartographer, Graduate School of Geography.

Saul Rosenzweig, Ph.D. Worcester State Hospital

Special lecturer in abnormal psychology.

Ernest Raymond Whitman 48 Downing St.

Director of physical education.

Michael B. Fox, M.D. 390 Main St.

Medical director.

ALUMNI COUNCIL - CLARK UNIVERSITY

Term Expires June, 1940

Robert H. Goddard, AM'10, PhD'11, Roswell, New Mexico

Lawrence A. Averill, AB'13,AM'14,PhD'15, 5 Rupert Street, Worcester, Massachusetts

Mary M. Callahan, B.Ed.'28, 93 Elm Street, Worcester, Massachusetts

Chairman, Joseph Talamo, AB'14, 390 Main Street, Worcester, Massachusetts

Guy H. Burnham, AB'16,AM'22, Clark University, Worcester, Massachusetts

Robert H. Loomis, AB'11, 140 Federal Street, Boston Massachusetts

Term Expires June, 1941

Secretary, Percy M. Roope, AB'20,AM'24,PhD'27, Clark University, Worcester, Massachusetts

Guy H. Winslow, AM'24,PhD'33, South Lancaster, Massachusetts

Ellen A. Maher, AM'23, 741 Pleasant St., Worcester, Massachusetts

Walter G. Butler, AB'12,AM'14, 15 Monmouth Road, Worcester, Massachusetts

Dr. Leslie P. Leland, AB'05, 36 Pleasant St., Worcester, Massachusetts

Harold D. Woodbury, AB'15, 15 Kimball St., Worcester, Massachusetts

Term Expires June, 1942

Dr. Robert H. Brown, AM'33,PhD'35, Clark University, Worcester, Massachusetts

Dr. Bert Hudgins, PhD'30, 2264 Longfellow, Detroit, Michigan

Elizabeth G. Curley, B.Ed.'29, 1 Lucian St., Worcester, Massachusetts

Walter G. Geldard, AB'15, 46 Rockland St., Springfield, Massachusetts

William B. Elwell, AB'13, 34 Sycamore Lane, Waterbury, Connecticut

Albert J. Dobie, AB'30, 11 Dorothy Ave., Worcester, Massachusetts

CLARK UNIVERSITY

ALUMNI ORGANIZATIONS

Alumni Secretary - Robert S. Illingworth, '17

Alumni Association

President	Harold D. Woodbury	Class of 1915
Vice-President	Paul R. Swan	Class of 1923
Secretary	Guy H. Burnham	Class of 1916
Treasurer	Forrest E. Alexander	Class of 1912
Auditor	Archibald W. Mitchell	Class of 1918

Alumnae Association

President	Miss Kathleen M. Burns	Class of 1935
Vice-Presidents	Mrs. Robert S. Illingworth	Class of 1934
	Miss Olga A. Johnson	Class of 1928
Rec. Secretary	Miss Mary A. Gilgan	Class of 1936
Corresponding Sec'y.	Miss Grace L. Bowen	Class of 1932
Financial Secretary	Miss Elizabeth S. McManus	Class of 1934
Treasurer	Miss Grace C. Coffey	Class of 1936

Clark Clubs

Berkshire County	President	Harry P. Stedman	Class of 1930
Boston	President	Hiram N. Rasely	Class of 1912
Chicago	President	William J. Wilson	Class of 1915
Connecticut			
Hartford	President	William B. Elwell	Class of 1913
New Haven	President	Clarence P. Shedd	Class of 1909
Detroit	President	George Beishlag	Class of 1937
New York City	President	George B. Schoonmaker	Class of 1920
Philadelphia	President	William Brodie	Class of 1924
Providence	President	James D. Springs	Class of 1926
Springfield	President	W. Clifford Ross	Class of 1932
Washington, D.C.	President	Henry P. Ward	Class of 1916
Worcester County	President	Robert Kirkpatrick	Class of 1911

Alumni Fund Board

Charles C. Parker	Class of 1914	Archibald M. Hillman	Class of 1907
Saul A. Seder	Class of 1921	Louis J. Peltier	Class of 1912
Lawrence A. Averill	Class of 1913	Robert H. Loomis	Class of 1911

ALUMNI OF CLARK UNIVERSITY

HONORARY DEGREES

1899

Ludwig Boltzmann	LL.D.
Santiago Ramon y Cajal	LL.D.
August Forel	LL.D.
Angelo Mosso	LL.D.
Emile Picard	LL.D.

1902

Henry Cabot Lodge	LL.D.
Carroll Davidson Wright	LL.D.

1905

Theodore Roosevelt	LL.D.

1909

Carl Barus	LL.D.
Franz Boas	LL.D.
Marston Taylor Bogert	LL.D.
Hermon Carey Bumpus	LL.D.
Leo Burgerstein	LL.D.
Andre Debierne	D.Sc.
Sigmund Freud	LL.D.
Herbert Spencer Jennings	LL.D.
Carl G. Jung	LL.D.
Percival Lowell	LL.D.
Adolf Meyer	LL.D.
Arthur Michael	LL.D.
Albert Abraham Michelson	Phys.D.
Eliakim Hastings Moore	Math.D.
Ernest Fox Nichols	LL.D.
Arthur Amos Noyes	LL.D.
William Albert Noyes	LL.D.
William Fogg Osgood	LL.D.
James Pierpont	LL.D.
Theodore William Richards	Chem.D.
Ernest Rutherford	Phys.D.
William Stern	LL.D.
Julius Steiglitz	D.Sc.
Edward Bradford Tichener	Litt.D.
Edward Burr Van Vleck	LL.D.
Vito Volterra	Phys.D.
Charles Otis Whitman	Biol.D.
Lebbeus L. Wilfley	LL.D.
Robert Williams Wood	LL.D.

1924

Granville Stanley Hall	LL.D.
Edmund Clark Sanford	LL.D.

1926

William Henry Burnham	LL.D.
H.R.H. Gustavus Adolphus	D.Sc.

1929

His Excellency Paul W. Claudel	Litt.D.

1930

Joseph Stevens Kadesch	M.Ed.
Arnold Lucius Gesell	D.Sc.
William Lowe Bryan	LL.D.
Ralph Earle	LL.D.

1937

Samuel Flagg Bemis	L.H.D.
Samuel Paul Capen	Litt.D.
Tyler Dennett	LL.D.
Stephen Duggan	LL.D.
Henry Herbert Donaldson	D.Sc.
Frederick Carlos Ferry	D.Sc.
Homer Gage	LL.D.

1938

Karl Worth Bigelow	L.H.D.
Peng Chun Chang	L.H.D.
Walter Stevens Young	D.Ed.

1939

Cornelia Otis Skinner	F.A.D.
Samuel Hood Dolbear	M.Sc.
Edmund Smith Conklin	D.Sc.
Ralph Barton Perry	L.H.D.
William Lyon Phelps	LL.D.

CLASS LISTS

Abbreviations and Special Signs

h—Home address.
b—Business address.
x—Mail returned.
*—Deceased.
z—See index for date of first class membership since complete information concerning each alumnus appears but once.

CLASS OF 1891
Ph.D.

Bumpus, Hermon C., Ph.D.; LL.D. (honorary), 1909; Ph.B., 1884 and Sc.D., 1905 Brown Univ.; Sc.D. Tufts Univ., 1905; retired; Duxbury, Massachusetts.
Nichols, Herbert, Ph.D. Died 1936.

CLASS OF 1892
Ph.D.

Bryan, William L., Ph.D.; LL.D. (honorary), 1930; A.B., 1884, and A.M., 1886 Ind. Univ.; pres. emeritus; Ind. Univ., Bloomington, Indiana.
Chamberlain, Alexander F., Ph.D. Died 1914.
Clark, Thomas H., Ph.D. Died 1938.
Eycleshymer, Albert C., Ph.D. Died 1925.
Jordan, Edwin O., Ph.D. Died 1936.
Wheeler, William M., Ph.D. Died 1937.
Young, J. W. A., Ph.D.; A.B. Bucknell Univ., 1887; 5422 Blackstone Ave., Chicago, Illinois.

CLASS OF 1893
Ph.D.

Daniels, Arthur H., Ph.D.; A.B. Olivet Coll., 1887; B.D. Yale Univ., 1890; retired; 805 Nevada St., Urbana, Illinois.
Hall, T. Proctor, Ph.D. Died 1931.
Holgate, Thomas F., Ph.D.; A.B. 1884 and A.M. 1889 Univ. of Toronto; LL.D. Univ. of Ill., 1905; LL.D. Queens Coll., 1919; LL.D. Northwestern Univ., 1937; retired; 617 Library Place, Evanston, Illinois.
Metzler, William H., Ph.D.; A.B. Univ. of Toronto, 1888; dean; State Sch. for Teachers, Albany, New York.
Tracy, Frederick, Ph.D.; A.B. Univ. of Toronto, 1889; LL.D. McMaster Univ., 1927; prof. emeritus, ethics; 173 Walmer Rd., Toronto, Ont., Canada.

CLASS OF 1894
Ph.D.

Bergstrom, John A., Ph.D. Deceased.
Bridge, John L., Ph.D.; Sc.B. Wesleyan Univ., 1888; M.D. Harv. Univ., 1903; physician; P.O. Box 272, Hazardville, Connecticut.
Dresslar, F. B., Ph.D. Died 1930.
Weems, Julius B., Ph.D. Died 1930.

CLASS OF 1895
A.M.

Luckey, George W. A., A.M. Died 1933.

Ph.D.

Bolton, Thaddeus L., Ph.D.; A.B. Univ. of Mich., 1889; head prof. psych.; b: Temple Univ., Phila., Pa.; h: 231 Wayne Avenue, Narberth, Pennsylvania.
Dowling, L. Wayland, Ph.D. Died 1929.
Drew, Frank, Ph.D. Died 1922.
Hill, John E., Ph.D.; Ph.B. Yale Univ. 1885; advertising, vice pres.; b: 42 W. 46th St., New York, N. Y.; h: 1586 E. 18th St., Brooklyn, New York.
Leuba, James H., Ph.D.; Sc.B. Academie de Neuchatel (Switzerland), 1886; retired; h: Winter Park, Florida.
Nichols, Thomas F., Ph.D. x
Saunders, Clarence A., Ph.D. Died 1898.

CLASS OF 1896
Ph.D.

Bullard, Warren G., Ph.D. Died 1927.
Edmondson, Thomas W., Ph.D.; A.B. London, 1888; A.B. Pembroke Coll. (Cambridge, Eng.), 1891; prof. emeritus, N. Y. Univ.; 141 Franklin Ave., Mt. Vernon, N. Y.
Scott, Colin A., Ph.D. Died 1925.
Slonaker, James R., Ph.D.; Sc.B., Univ. of Wisc. 1893; prof. emeritus Physiology; b: Stanford Univ., Stanford Univ., Calif.; h: 334 Kingsley Ave., Palo Alto, Calif.

Taylor, Samuel N., Ph.D.; Ph.B. Wesleyan Univ., 1887; physicist and prof. emeritus; b: Goucher Coll., Baltimore, Md.; h: 2514 Maryland Ave., Baltimore, Md.

CLASS OF 1897
Ph.D.

Boynton, William P., Ph.D.; A.B., 1890 and A.M., 1893, Dartmouth Coll.; Sc.D. Ore. Univ., 1937; prof. emeritus, physics; b: Ore. State Coll., Ore.; h: 546 W. Beverly Blvd.,; Whittier, California.

Dawson, George E., Ph.D. Died 1936.

Ellis, A. Caswell, Ph.D.; A.B. Univ. of N. C., 1894; director; b: Cleveland Coll., Cleveland, Ohio; h: 1543 East Boulevard, Cleveland, Ohio.

Lancaster, Ellsworth G., Ph.D. Died 1934.

Lindley, Ernest H., Ph.D.; A.B., 1893 and A.M., 1894 Ind. Univ.; D.C.L. Univ. of Del., 1934; Chancellor Emeritus, Univ. of Kans.; Univ. of Kans., Lawrence, Kans.

Starbuck, Edwin D., Ph.D.; A.B., 1894 and A.M., 1895 Harv. Univ.; prof., psych.; b: Univ. of Southern Calif., Los Angeles, Calif.; h: 2000 Arlington Ave., Los Angeles, California.

Stewart, Colin C., Ph.D.; A.B. Univ. of Toronto, 1894; Brown prof., Physiology; b: Dartmouth Coll. and Dartmouth Medical Sch., Hanover, N. H.; h: 21 E. Wheelock St., Hanover, N. H.

Wills, Albert P., Ph.D. Died 1937.

CLASS OF 1898
Ph.D.

Bolton, Frederick E., Ph.D.; Sc.B., 1893 and Sc.M., 1896, Univ. of Wisc.; prof., ed.; Univ. of Wash., Seattle, Washington.

Burk, Frederic, Ph.D. Died 1924.

Colegrove, Frederick W., Ph.D. Died 1915.

Curtis, Henry S., Ph.D.; A.B. Yale Univ., 1895; exec. sec.; 1100 Hill St., Ann Arbor, Michigan.

Ferry, Frederick C., Ph.D.; A.B., 1891 and A.M., 1894 Williams Coll.; A.M. Harv. Univ., 1895; Sc.D. Colgate Univ., 1909; LL.D. Hamilton Coll., 1917; LL.D. Williams Coll., 1917; LL.D. G. Wash. Univ., 1921; pres. emeritus, Hamilton Coll.; 324 Hart St., New Britain, Connecticut.

Guillet, Cephas, Ph.D.; A.B. Victoria Coll., 1887; teacher, translator, author; 414 West 118th St., New York, N. Y.

Kline, Linus W., Ph.D.; Sc.B. Harv. Univ., 1896; prof. emeritus, psych., Skidmore Coll.; R#2 Box 69, Charlottesville, Virginia.

Phillips, Daniel E., Ph.D.; A.B., 1893 and A.M., 1894 Univ. of Nashville; Litt.D. Univ. of Denver, 1914; head of dept. of psych., b: State Coll., Shepherdstown, W. V.; h: Box 163, Shepherdstown, West Virginia.

Rettger, Ernest W., Ph.D.; grad Ind. Univ., 1893; b: Cornell Univ., Ithaca, N. Y.; h: 3 Grove Pl., Ithaca, New York.

Street, J. Richard, Ph.D. Died 1920.

CLASS OF 1899
Ph.D.

Croswell, Thomas R., Ph.D.; A.B. Bowdoin Coll., 1891; retired; 300 West Mission St., Santa Barbara, California

French, John S., Ph.D.; A.B. Bowdoin Coll., 1895; Northwood, N.H.

Goddard, Henry H., Ph.D.; A.B., 1887 and A.M., 1889 Haverford Coll.; prof.; b: Ohio State Univ., Columbus, Ohio; h: 1638 Granville St., Columbus, Ohio.

Huey, Edmund B., Ph.D. Died 1913.

Partridge, George E., Ph.D. x

CLASS OF 1900
Ph.D.

Eby, Frederick, Ph.D.; A.B., 1895 and LL.D., 1921 McMaster Univ.; prof., hist., philosophy of ed.; b: Univ. of Tex., Austin, Tex., h: 2401 Rio Grande St., Austin, Texas.

Sheldon, Henry D., Ph.D.; A.B., 1896 and A.M., 1897, Stanford Univ.; research prof., hist., ed.; b: Univ. of Ore., Eugene, Oregon. h: 1343 University St., Eugene, Oregon.

Moreno, Halcott C., Ph.D.; A.B., 1893, A.M., 1894 and B.L., 1896, Univ. of Ga.; prof. emeritus, engin. math.; 684 Mirada Ave., Stanford Univ., California.

Slocum, Stephen E., Ph.D.; B.Ed. Union Coll., 1897; marine engineer; 244 E. Montgomery Ave., Ardmore, Pennsylvania.

Small, Willard S., Ph.D.; A.B., 1894 and A.M., 1897, Tufts Coll.; advisory dean, Coll. of Ed.; b: Univ. of Md., College Park, Md.; h: 1330 Irving N. W., Washington, D. C.

Thurber, Charles H., Ph.D., Died 1938.

Triplett, Norman, Ph.D., Died 1934.

Williams, Frank B., Ph.D., Died 1933.

CLASS LISTS

CLASS OF 1901
Ph.D.

France, Clemens J., Ph.D.; A.B., 1898 and A.M., 1901 Hamilton Coll.; LL.B. Baltimore Law School, 1906; Chairman, R. I. Compensation Board; b: 130 West Exchange St., Providence, R. I.; h: 62 Methyl St., Providence, R. I.
Haslett, S. B., Ph.D. Died 1916.
Hylan, John P., Ph.D. Died 1935.
Ives, James E., Ph.D.; physicist; b: Office of Industrial Hygiene and Sanitation, U. S. Public Health Service, Wash., D. C.; h: 1705 Rhode Island Ave., N.W., Wash., D. C.
Keppel, Herbert G., Ph.D. Deceased
Libby, M. F., Ph.D., Deceased
Sears, Charles H., Ph.D.; A.B., 1891, A.M., 1893 and Ph.D., 1895, Allegheny Coll.; teacher, retired, 3116 N. Hackett Ave., Milwaukee, Wisconsin.
Van Der Vries, John N., Ph.D. Died 1936.

CLASS OF 1902
Ph.D.

Kinnaman, Andrew J., Ph.D. Deceased.

CLASS OF 1903
Ph.D.

Arnett, Lonna D., Ph.D., Sc.B. Univ. West Va., 1898; librarian emeritus; h: 11 Grant Avenue, Morgantown, West Virginia.
Coffin, Joseph G., Ph.D.; Sc.B. M. I. T., 1898; research engineer; 420 Lexington Ave., New York, New York.
Kuhlmann, Fred, Ph.D.; A.B., 1899 and A.M., 1901 Univ. of Nebr.; director, Research Bureau, Miner. St. Bd. of Control; 292 Macalester Ave., St. Paul, Minnesota.
Swift, Edgar J., Ph.D. Died 1932.
Wells, Roy T., Ph.D.; Sc.B. and Sc. M. Tufts Coll., 1898; retired; Holliston, Massachusetts.

CLASS OF 1904
Ph.D.

Browne, Charles E., Ph.D. Died 1908.
Bucke, W. Fowler, Ph.D.; Ph.B., 1895 and A.M., 1898, Dickinson Coll.; Ph.D. Univ. of Wooster, 1908; retired; educator, minister; New Buffalo, Pennsylvania.
Clark, Arthur L., Ph.D.; Sc.B., Worc. Poly. Tech., 1894; prof. physics, dean of faculty of Applied Science; b: Queen's Univ., Kingston, Ont., Canada; h: 200 Albert St., Kingston, Ontario, Canada.
Conradi, Edward, Ph.D.; A.B. 1897 and A.M. 1898, Ind. Univ.; LL.D. Rollins Univ., 1933; LL.D. Univ. of Fla., 1939; pres; b: Fla. State College for Women, Tallahassee, Fla.; h: 458 W. College Ave., Tallahassee, Florida.
Gates, Jesse N., Ph.D. Died 1936.
Hubbard, John C., Ph.D., Sc.B. Univ. of Colo. 1901; LL.D. Loyola Coll. of Baltimore, 1938; prof., physics; b: Johns Hopkins Univ., Baltimore, Md.; h: 312 St. Dunstans Rd., Baltimore, Md.
Morse, Josiah, Ph.D.; A.B., 1899 and A.M., 1900 Richmond Coll., prof.; b: Univ. of S. C., Columbia, S. C.; h: 811 Sumter St., Columbia, S. C.
Mutchler, Fred, Ph.D.; A.B. Ind. Univ., 1903; Bowling Green, Ky.
Trettien, August W., Ph.D. Died 1936.

CLASS OF 1905
A.B.

Allen, George E., A.B.; LL.B. John Marshall Sch. of Laws, 1931; 1327 W. 9th St., Cleveland, Ohio.
Bender, William A., A.B.; 58 East Church St., Bloomfield, N. J.
Bowen, Sylvanus H., Jr., A.B.; 329 West Stone Ave., Greenville, S.C.
Bramhall, Robert I., A.B.; A.M. 1906; Supt. of Schools; b: School Dept., Hopedale, Mass.; h: 54 Hope St., Hopedale, Mass.
Burch, Clarence A., A.B.; Nantungchow, Kiangsu Province, China.
Burrage, Leslie M., A.B.; M.Ph. Univ. of Chicago, 1910; Diploma supérieur, Univ. of Nancy (France), 1931; asso. prof., French; 430 E. Foster Ave., State College, Pennsylvania.
Chisholm, William J., A.B. Died 1933.
Cooke, Frederick N., A.B.; A.M. 1906; national staff exec.; b: Boy Scouts of America, 2 Park Ave., New York, N. Y.; h: Llewellyn Park, West Orange, N. J.
Crowley, Andrew A., A.B.
Cushman, Roy M., A.B.; exec. sec.; b: Boston Council of Social Agencies, 80 Federal St., Boston, Mass.; h: 282 Porter St., Melrose, Massachusetts.
Cutter, Guy H., A.B. Died 1929.
Dessert, Nelson P., A.B.; c/o American Radiator Co., Mfg. Dept., Buffalo, New York.
Disney, Charles E., A.B.; A.M., 1907; teacher; b: H.S. of Commerce, Worcester, Mass.; h: 711 Pleasant St., Worcester, Massachusetts.
Doherty, Francis M., A.B., Died 1926.

Easley, Philip A., A.B.; B.D. Drew Semin., 1908; rector; St. Stephen's Protestant Episcopal Church, 6129 Carlos Ave., Hollywood, California.

Edmands, Charles F. W., A.B.; teacher; b: Brown Prep. Sch., Phila., Pa.; h: 853 N. Beechwood St., Philadelphia, Pa.

Estabrook, Arthur H., A.B.; A.M., 1906; Ph.D. Johns Hopkins Univ., 1910; scientist; Rm. 616, 350 Madison Ave., New York, N. Y.

Ewing, John G., A.B.; The Perkins Schools, Lancaster, Mass.

Fox, Michael B., A.B.; M.D. Harv. Univ., 1909; physician; 20 Otsego Rd., Worcester, Massachusetts.

Gale, Frank H., A.B.; salesman, steel lockers, shelving, cabinets, and electric refrigeration; b: Narragansett Machine Co., Pawtucket, R. I.; h: 78 North Bend St., Pawtucket, R. I.

Garbutt, J. Ralph, A.B.; real estate and insurance; b: 507 Main St., Worcester, Mass.; h: 11 Underwood St., Worcester, Massachusetts.

Gates, Burton N., A.B.; A.M., 1906; Ph.D., 1909; chief inspector of apiaries and dealer in books and antiques; b: Mass. Dept. of Agriculture, 136 State House, Boston, Mass.; h: 24 Charlotte St., Worcester, Massachusetts.

Glazier, Philip N., A.B.; asst. treas.; b: Western Mass. Electric Co., Greenfield, Mass.; h: 13 Forest Ave., Greenfield, Mass.

Greelish, Devney J., A.B. Died 1938.

Greenwood, Robert B., A.B.; insurance agent; b: 75 Central St., Winchendon, Mass.; h: 22 Court St., Winchendon, Massachusetts.

Harrington, Berton B., A.B.; b: 167 Pearl St., Winchendon, Massachusetts.

Harrington, Elmer A., A.B.; A.M., 1906; Ph.D., 1915; physicist; b: Bureau of Ordinance, Navy Dept., Washington, D.C.; h: 6409 Beechwood Dr., Chevy Chase, Md.

Keith, William H., A.B.; A.M., 1906; Underwriter's Bureau; Brow Vale Dr., Little Neck Hills, L. I., New York.

Keneely, Ralph S., A.B.; merchant, retail shoes; b: 192 Main St., Reading, Mass.; h: 32 Woburn St., Reading, Massachusetts.

Leland, Leslie P., A.B.; M.D. Boston Univ., School of Medicine, 1909; physician; b: 36 Pleasant St., Worcester, Mass.; h: 14 So. Lenox St., Worcester, Massachusetts.

Lingley, Ralph G., A.B.; city engineer; b: 33 City Hall, Worcester, Mass.; h: 9 Hadwen Lane, Worcester, Massachusetts.

Madden, Leon I., A.B.; M.D. Harv. Univ., 1910 b: 57 Pratt St., Hartford, Conn.; h: 234 N. Beacon St., Hartford, Connecticut.

Miller, Allan B., A.B.; b: Clark Univ., Worcester, Mass.; h: R.F.D. Box 106, Dodge, Massachusetts.

Miller, Charles W., A.B.; A.M., 1913 and Ph.D., 1923, Columbia Univ.; social worker; b: 3004 Alaska St., Seattle, Wash.; h: 1249 E. 92nd St., Seattle, Washington.

Minsch, Walter C., A.B.; miner; Zaragosa #10, Choix, Sinaloa, Mexico.

Parker, Waldo D., A.B.; A.M. Univ. of Mich., 1909; Episcopal clergyman; 200 So. Bellevue Ave., Langhorne, Pennsylvania.

Ryan, Edward A., A.B.; LL.B. Boston Univ., 1908; atty.; 34 Dayton St., Worcester, Massachusetts.

Schürmann, Harry, A.B.; A.M., 1906; opera singer, actor, stage manager; Würtembergische Landesbuhne Esslingen, Germany, Friedrichstr. 2/111.

Slobin, Hermon L., A.B.; Ph.D., 1908; Univ. of N. H., Durham, New Hampshire.

Smith, Howard M., A.B.; Maple St., Waterbury Center, Vermont.

Walsh, Frederick W., A.B. Died 1913.

Webb, Reginald L., A.B.; A.M., 1906; chief clerk, W.P.A.; b: 442 Humphrey St., Swampscott, Mass.; h: 63 Beach Ave., Swampscott, Massachusetts.

Wingate, Harold C., A.B.; superintendent of schools; b: Scituate and Marshfield, Mass.; h: 27 Curtis St., Egypt, Massachusetts.

A.M.

Haynes, Rowland, A.M.; A.B. Williams Coll., 1902; pres. b: Univ. of Omaha, Omaha, Neb.; h: 625 S. 37th St., Omaha, Nebraska.

Ph.D.

Allen, Reginald B., Ph.D. Died 1938.

Gowen, Benjamin S., Ph.D. Died 1935.

Libby, Walter, Ph.D.; A.B. Victoria Coll., 1887; A.M. Univ. of Toronto, 1902; author, coll. prof.; retired; 338 Spadina Rd., Toronto, Ontario, Canada.

Lowden, Thomas S., Ph.D. x

Small, Maurice H., Ph.D. Died 1936.

Terman, Lewis M., Ph.D.; A.B. and A.M., 1903, and LL.D., 1919, Ind. Univ.; prof., psych, and exec. head of dept.; b: Stanford Univ., Stanford Univ., Calif.; h: 761 Dolores St., Stanford University, California.

Waddell, Charles W., (Waddle), Ph.D.; A.B., 1901 and A.M., 1903 Colo. Coll.; prof., ed., and director of training schools, Univ. of Calif., at Los Angeles; b: 405 Hilgard Ave., Los Angeles, Calif.; h: 10630 Lindbrook Dr., W. Los Angeles, California.
Waddle, Charles W., Ph.D. (See Waddell, Charles W.)

CLASS OF 1906
A.B.

Bacon, Charles W., A.B.; A.M. 1907; Ph.D., 1911; chemist; b: U. S. dept. of Agriculture, Bureau of Plant Ind., Wash., D.C.; h: 4312 Yuma St., N.W., Wash., D. C.
Baldwin, Francis M., A.B.; A.M., 1907; Ph.D. Ill. Univ., 1917; prof., zoology; b: Univ. of Southern Calif., Los Angeles, Calif.; h: 5015 Angeles Vesta Blvd., Los Angeles, California.
Belisle, Ferdinand J., A.B.; insurance broker; b: 405 Main St., Worcester, Mass.; h: 10 Bishop Ave., Worcester, Massachusetts.
Coghlan, Samuel R.,A.B.; consulting engineer; Braden Copper Co., Rancagua, Chile, S. A.
Day, Alexander A., A.B.; M.D. Harv. Univ., 1911; prof., bacteriology; b: Northwestern Univ. Medical Sch., 303 E. Chicago Ave., Chicago, Ill.; h: 2326 E. 70th Pl.; Chicago, Illinois.
Evans, William W., A.B. Died 1935.
Gage, George E., A.B.; A.M. 1907 and Ph.D. 1909, Yale Univ.; prof and head of dept., bacteriology and physiology; b: Mass. State Coll., Amherst, Mass.; h: 46 Main St., Amherst, Massachusetts.
Hadley, Stephen D., A.B. x
Jewett, Stephen P., A.B. x
Marble, Henry C., A.B.; M.D. Harv. Med. Sch., 1910; surgeon; b: 270 Commonwealth Ave., Boston, Mass.; h: 15 Crystal St., Newton Centre, Massachusetts.
Nickerson, Carleton B., A.B.; A.M., 1907; dean, arts and sciences; Dalhousie University, Halifax, N. S., Canada.
Osborn, Willard L.,A.B.; clergyman; Shrewsbury, Massachusetts.
Peckham, Albert J., A.B. Died 1939.
Stevenson, Timothy J., A.B.; A.M., 1907; teacher; b: South H. S., Worcester, Mass.; h: 29 Tirrell St., Worcester, Massachusetts.
Wakefield, Jerry M., A.B.; 1016 Bertram Terrace, Unionville, N. J.

A.M.

Baron, Albert H. N., Died 1932.
Bramhall, Robert I., A.M. z
Cooke, Frederick N., A.M. z
Drowne, George L., A.M. Died 1935.
Estabrook, Arthur H., A.M. z
Gates, Burton N., A.M. z
Harrington, Elmer A., A.M. z
Keith, William H., A.M. z
Lyford, C. Allan, A.M.; Sc.B. Worc. Poly. Tech., 1903; chemical engineer; b: National Aniline and Chemical Co., Buffalo, N. Y.; h: R. D. 3 Maple Rd., Aurora, N.Y.
Schürmann, Harry, A.M. z
Webb, Reginald L., A.M. z

Ph.D.

Bailey, Frank K., Ph.D. Died 1909.
Book, William F., Ph.D.; A.B. Ind. Univ., 1900; head, dept., psych.; b: Ind. Univ., Bloomington, Ind.; h: 516 N. Fess Ave., Bloomington, Indiana.
Borgquist, Alvin, Ph.D.; Sc.B. Univ. of Utah, 1897; 82 West 48th South St., Murray, Utah.
Cleveland, Alfred A., Ph.D.; A.B., 1898 and A.M., 1903, Univ. of Ore.; dean, Sch. of Ed.; b: State Coll. of Wash., Pullman, Wash.; h: 1909 Monroe St., Pullman, Wash.
Duncan, Frederick N., Ph.D. x
Gesell, Arnold L., Ph.D.; Sc.D. (honorary), 1930; B.Ph. Univ. of Wisc., 1903; M.D. Yale Univ., 1915; director, Yale Clinic of Child Development and prof., Child Hygiene; b: 14 Davenport Ave., New Haven, Conn.; h: 185 Edwards St., New Haven, Conn.
Gibbs, David, Ph.D. Died 1935.
Hitchcock, Albert W., Ph.D. Died 1907.
Jewell, James R., Ph.D.; A.B. Coe Coll., 1903; LL.D. Ark. Univ., 1927; dean and director, Schools of higher ed., Ore. State system; b: Univ. of Ore., Eugene, Oregon; h: 2260 University St., Eugene, Oregon.
Kuma, Toshi Y., Ph.D.; A.B. Leland Stanford Univ., 1903; 55 Sendagayn, Tokyo, Japan.
Myers, George E., Ph.D.; A.M. Univ. of Chicago, 1901; prof., vocational ed. and guidance; b: Univ. of Mich., Ann Arbor, Michigan.
Porter, James P., Ph.D.; A.B., 1898 and A.M., 1901, Ind. State Univ.; Sc.D. Waynesburg Univ., 1917; prof., psych.; b: Ohio Univ., Athens, Ohio; h: 165 N. Congress St., Athens, Ohio.
Rood, James T., Ph.D. Died 1934.

CLASS OF 1907
A.B.

Asher, Jacob, A.B.; LL.B. Columbia Univ., 1910; atty. and special justice; b: 390 Main St., Worcester, Mass.; h: 99 Coolidge Rd., Worcester, Massachusetts.

Bartlett, Edwin I., A.M. Deceased.

Bond, Otto F., A.B.; A.M. Ohio State Univ., 1912; prof., romance languages; b: Univ. of Chicago, Chicago, Illinois.

Felton, Leon E., A.B.; LL.B. Harv. Univ., 1907; atty.; b: 626 Slater Bldg., Worcester, Mass.; h: 11 Wetherell St., Worcester, Mass.

Friedman, Albert M., A.B.

Greenwood, Rolland R., A.B.; A.M., 1908; teacher; b: North H. S. Worcester, Mass.; h: 7 Dean St., Worcester, Massachusetts.

Hillman, Archibald M., A.B.; LL.B., Harv. Univ., 1910; atty.; b: 390 Main St., Worcester, Mass.; h: 6 Hadwen Lane, Worcester, Mass.

Hunt, Robert B., A.B. Died 1937.

King, Charles H. S., A.B.; Ph.D. Univ. of C.; Martuisstr 8 Munich, Germany.

Macklin, Paul M., A.B.; exec. vice-pres; b: 500 Fifth Ave., New York, N. Y.; h: 72 Grandview Boulevard, Tuckahoe, New York.

Mann, Henry C., A.B.; Hardware and plumbing, Taylor & Mann; Woodsville, New Hampshire.

Mirick, George H., A.B.; atty.; b: 340 Main St., Worcester, Mass.; h: 7 Oberlin St., Worcester, Mass.

Montgomery, William J., A.B. Died 1915.

Phelps, Lyman B., A.B.; teacher, science; b: Classical H.S., Springfield, Mass.; h: 50 River Rd., Leeds, Massachusetts.

Phillips, Charles L., A.B.; clergyman; Pyeng Yang, Chosen, Japan.

Quimby, Howard L., A.B.; M.D. Medico-chirurgical of Phila., 1916; physician; 5 Franklin Sq., Gloucester, Massachusetts.

Westerberg, Iwar S., A.B.; A.M. Harv. Univ., 1908; Ph.D. Univ. of Wash., 1923; director, Sch. of Ed., and prof., ed; b: Univ. of Redlands, Redlands, Calif.; h: 924 Campus Ave., Redlands, Calif.

A.M.

Bacon, Charles W., A.M. z

Baldwin, Francis M., A.M. z

Broene, Johannes, A.M.; B.Pd. Valparaiso Univ., 1906; 1409 Fish St., S. E., Grand Rapids, Mich.

Disney, Charles E., A.M. z

Dixon, Edith M., A.M.; A.B. Vassar, 1906; director of child study; b: Sch. Dept., 14 City Hall, Worcester, Mass.; h: 20 Wetherell St., Worcester, Mass.

Ellison, Louise, A.M. (See Ordahl, Mrs. George).

Nickerson, Carleton B., A.M. z

Ordahl, Mrs. George (Ellison, Louise) A.M.; Ph.D., 1909; A.B. Wash. Univ., 1906; teacher, psych. and director of psychological research; Santa Rosa Jr. Coll., Eldridge, California.

Osborne, Caroline A., A.M. Deceased.

Stevenson, Timothy J., A.M. z

Watanabe, Jun, A.M. x

Ph.D.

Anderson, Lewis F., Ph.D. Died 1932.

Brittain, Horace L., Ph.D. x

Copeland, William F., Ph.D.; Ph.B., 1902 and Ph.M., 1903 Ohio Univ.; Ohio Univ., Athens, Ohio.

Dellinger, Oris P., Ph.D.; A.B. Univ. of Ind., 1905; dean of college and grad. school; b: Kans. S.T.C., Pittsburg, Kans.; h: 1714 S. Olive St., Pittsburg, Kansas.

Hill, David S., Ph.D. x

Stebbins, George E., Ph.D.; A.B. Bates Coll., 1903; LL.B. Northeastern Univ., 1912; atty.; b: Farmers Bank Building, Pittsburgh, Pa.; h: 433 Maple Ave., Edgewood, Pittsburgh, Pennsylvania.

Story, William E., Ph.D. x

CLASS OF 1908

A.B.

Chaffee, Reginald R., A.B.; M.F. Harv. Univ., 1910; forest engineer and manager; b: Wolf Creek Timber Co., Box 31, Greenville, Calif.; mail address, Dec. 1st to April 1st: 1679 Arch St., Berkeley, California.

Dean, Ernest W., A.B.; A.M., 1912 and Ph.D. 1914, Yale Univ.; director, Standard Insp. Lab.; b: Standard Oil Development Co., 26 Broadway, New York, N. Y.

Everett, Lewis W., A.B.; treas.; b: Channing Smith Textile Corp., Cherry Valley, Mass.; h: 40 Holman St., Shrewsbury, Mass.

Handy, LeRoy M., A.B.; A.M., 1924; teacher, hist.; b: South H. S., Worcester, Mass.; h: 18 Lakewood St., Worcester, Massachusetts.

Hastings, Wilmot G., A.B.; M. ScF. Univ. of Mich., 1910; valuation engineer; b: 350 Federal Office Bldg., Seattle, Wash.; h: Marlborough House, Seattle, Washington.

Hubbard, Edward, Jr., A.B.; civil engineer; b: Bureau of Water Works and Supply, City of Los Angeles, Dept. of Water and Power; room 706, 207 South Broadway, Los Angeles, Calif.; h: 5163 El Rio Ave., Los Angeles, California.

Larned, John H., A.B., Died 1931.

Lewis, Earl S., A.B.; publisher's representative, Scott, Foresman and Co., 61 Kensington Park, Arlington, Massachusetts.

Lindsay, Julian I., A.B.; A.M. Harv. Univ., 1910; assoc. prof., English; b: Univ. of Vermont, Burlington, Vt.; h: 292 So. Prospect St., Burlington, Vt.
Millea, William L., A.B.; 1020 N. Calvert St., Baltimore, Md.
Mills, Owen W., A.B., Died 1924.
Moriarty, George F., A.B.; teacher; b: H. S. of Commerce, Worcester, Massachusetts; h: 12 Somerset St., Worcester, Massachusetts
Power, Thomas F., A.B.; A.M., 1909; Roman Catholic Priest and prof. science; St. Patrick's Seminary, Menlo Park, California.
Richardson, Carlton E., A.B.; A.M., 1909; teacher; b: H. S. of Commerce, Worcester, Mass.; h: 87 May St., Worcester, Mass.
Rockwood, Robert E., A.B.; Ph.D. Harv. Univ.; Ohio State Univ., Columbus, Ohio.
Wright, Clarence D., A.B.; A.M., 1909; Ph.D., 1911; chemist; b: Food and Drug Admin., U. S. Dept. of Agriculture, Wash., D.C.; h: 4620 30th St., N.W., Washington, D. C.

A.M.

Arnos, Edward M., A.M.; Sc.B., Lima Coll., 1907; pres.; b: Securities, Inc., 236 Superior St., Toledo, Ohio; h: 2274 Glenwood Ave., Toledo, Ohio.
Beeson, William J., A.M.; Sc.B., 1896 and Sc.M., 1897, Ala. Poly. Inst.; b: Edison Jr. H. S., 6500 Hooper Ave., Los Angeles, Calif.; h: 218 West 107th St., Los Angeles, California.
Chidester, F. E., A.M.; Ph.D., 1911. x
Curtis, Elnora W., A.M.; Ph.D., 1910; A.B. Smith Coll., 1892; 161 Burncoat St., Worcester, Mass.
Greenwood, Rolland R., A.M. z
Helie, Euclid, A.M.; A.B. McMaster Univ., 1905; Colby Coll., Waterville, Maine.
Lie, Olaf K., A.M., Died 1914.
McNamara, Frank P., A.M.; A.B. Holy Cross Coll., 1907; teacher; b: North H. S., Worcester, Mass.; h: 40 Chamberlain Pky., Worcester, Massachusetts.
Montgomery, William J., A.M. Died 1915.
Porter, Thomas L., A.M., Died 1926.
Russell, James A., A.M.; A.B. Holy Cross Coll., 1907; headmaster; b: H. S., No. Walpole, N. H.; h: 46 Main St., No. Walpole, New Hampshire.
St. John, Edward P., A.M.; Pd.M., N. Y. Univ., 1908; S.T.D. Syracuse Univ., 1924; retired; Conway, New Hampshire.
Siddell, William G., A.M.; A.B. Syracuse Univ., 1902; accountant, specializing in preparation of documents in connection with shipments to all foreign countries; b: Bailey Meter Co., 1050 Ivanhoe Rd., Cleveland, Ohio; h: 16159 Euclid Ave., East Cleveland, Ohio.
Steves, George H., A.M.; Ph.D., 1910; A.B. Univ. of Mich., 1905; Onsted, Michigan.
Wallace, Edith M., A.M., A.B. Mt. Holyoke Coll., 1903; scientific illustrator; b: Calif. Inst. of Technology, Pasadena, Calif.; h: 672 South Mentor Ave., Pasadena, California.

Ph.D.

Coffin, Ernest W., Ph.D.; A.B. Dalhousie Coll., 1902; prin. and instr., ed. psych. and principles of ed.; b: Provincial N. S., Calgary, Alberta, Canada; h: 1846 14th St., W., Calgary, Alberta, Canada.
Davis, Herbert B., Ph.D., Died 1928.
Easley, Charles W., Ph.D., Died 1929.
Gard, Willis L., Ph.D., Died 1936.
Harris, James W., Ph.D.; A.B. Union Coll., 1901; Coll. of the Pacific, Stockton, California.
Miller, Newton, Ph.D.; A.B. Ind. Univ., 1905; 404 West Belleview St., Porterville, California.
Misawa, Tadasu, Ph.D. x
Ordahl, George, Ph.D.; Sc.B. Valpariso Coll., 1899; A.B., 1905; and A.M., 1906 Univ. of Ore.; clinical psychologist and educational director; Box 11, Eldridge, California.
Osborne, Caroline A., Ph.D. Deceased.
Prager, William L., Ph.D.; Sc.B. Coll. City of N. Y., 1900; Sc.M. N. Y. Univ., 1904; prof., chem., and chairman of dept.; b: Coll. City of N. Y., New York, N. Y.; h: 40 W. 86th Street, New York, New York.
Slobin, Hermon L., Ph.D. z
White, Jesse H., Ph.D.; A.B., 1903 and A.M., 1904 Ind. Univ.; 508 North Fess Ave., Bloomington, Ind.

CLASS OF 1909
A.B.

Arnold, Fred M., A.B.; 41 W. Ashmead Pl., North Germantown, Phila., Pa.
Barrows, George M., A.B.; A.M., 1910; atty.; b: 410 Main St., Fitchburg, Mass.; h: 55 Pleasant St., Ayer, Massachusetts.
Bent, Arnold A., A.B.; chair mfg.; b: 60 Mill St., Gardner, Mass.; h: 21 Kendall St., Gardner, Mass.
Bivin, George D., A.B., Died 1934.

Boynton, Clarence N., A.B.; A.M., Yale Univ., 1910; laboratory technician (medical analysis); b: 507 Professional Bldg., Phoenix, Arizona; h: 1838 Palmcroft Drive, N.W., Phoenix, Arizona.

Bumpus, Samuel F., A.B.; gen'l. sec.; Y. M. C. A.; b: 199 No. Main St., Fall River, Mass.; h: 1121 Ray St., Fall River, Massachusetts.

Carr, Roland P., A.B.; teacher; 130 Vista Place, Mount Vernon, New York.

Chase, Howard E., A.B.; Heath St., Westboro, Massachusetts.

Clare, Edward W., A.B.; A.M., 1910; mngr.; b: W. T. Grant Co., Portland, Maine; h: 397 Stevens Ave., Portland, Maine.

Clarke, Edwin L., A.B.; A.M.; 1911; Ph.D. Columbia Univ.,1916; prof., sociology; Rollins Coll., Winter Park, Florida.

Curtis, Charles S., A.B.; medical officer, charge of St. Anthony's Hospital; c/o Grenfell Mission, St. Anthony, Newfoundland.

Davis, Clarence O., A.B., Deceased.

Davis, Glenn M., A.B.; A.M. Harv. Univ., 1924; head, French dept., H. S., 102 Winthrop Ave., Albany, New York.

Dilts, Howard K., A.B. Died 1940.

Foley, Walter S., A.B. Died 1918.

Grace, Charles W., A.B. Deceased.

Hughes, John L., A.B.; A.M., 1910; A.M. Columbia, Univ., 1932; Brookfield, Massachusetts.

Kallom, Arthur W., A.B., Died 1932.

Karlson, Karl J., A.B., A.M., 1910, Ph.D., 1912; dean and prof., historical theology; b: Bethel Institute, St. Paul, Minn.; h: 1374 Simpson Ave., St. Paul, Minn.

Kelley, Charles B. L., A.B.; A.M. Harv. Univ., 1916; teacher; Alexander Hamilton H.S., Brooklyn, New York.

Lanphear, B. Woodward, A.B.; missionary; American Church Mission, Lion Hill, Wuhu, Anhui Province, China.

LeSure, Harvey K., A.B.; master mechanic; b: Pa. Railroad, New York, N. Y.; h: 3910 221st St., Bayside, L. I., New York.

Mackinnon, Clinton N., A.B.; A.M. Yale Univ., 1911; prof., English, Ohio Univ., Athens, Ohio.

Nagle, Ashley R., A.B.; 153 Engle St., Tenafly, New Jersey.

Parker, Lester S., A.B.; teacher, English; b: Benjamin Franklin H. S., Rochester, N. Y.; h: 109 Winton Rd., South, Rochester, N.Y.

Patterson, Thomas L., A.B.; A.M. Kansas City Univ., 1911; Sc.M. 1915, and Ph.D. 1920, Univ. of Chicago; prof. physiology; b: Wayne Univ., College of Medicine, Detroit, Mich.; h: 4049 Pasadena Ave., Detroit, Michigan.

Phelan, William F., A.B.; A.M. Harv. Univ., 1925; teacher, French; b: H. S., Jamaica, N. Y.; h: 36 Orchard Meadow Rd., East Williston, New York.

Shedd, Clarence P., A.B.; A.M., 1914; B.D., 1925 and Ph.D., 1932, Yale University; prof., Christian methods; b: Yale Univ., New Haven, Conn.; h: 435 Ridge Rd., Hamden, Connecticut.

Sheehan, Thomas W., A.B.; teacher; Natick, Massachusetts.

Smith, Nicholas A. C., A.B.; supervising engineer; b: Petroleum Experiment Station, U. S. Bureau of Mines, Bartlesville, Okla.; h: 523 E. 12th St., Bartlesville, Oklahoma.

Styles, Edmund D., A.B., Died 1930.

A.M.

Bruner, Jesse, A.M.; A.B. Ind. Univ., 1907; Claypool, Indiana.

Butman, Chester A., A.M.

Carroll, Charles S., A.M.; A.B. Holy Cross Coll., 1908; Boston, Massachusetts.

Chase, Mrs. Harry W. (Crum, Lucetta) A.M.; 2 Fifth Ave., New York, N.Y.

Conklin, Edmund S., A.M.; Ph.D. 1911; Sc.D. (honorary) 1939; B.H. Springfield Coll., 1908; prof. and head of psych. dept.; b: Ind. Univ., Bloomington, Ind.; h: 904 So. Hawthorne Dr., Bloomington, Indiana.

Crum, Lucetta, A.M. (See Chase, Mrs. Harry W.)

Dowd, John E., A.M.; A.B. Holy Cross Coll., 1905; teacher, science, b: 223 Commercial St., Worcester, Mass.; h: 92 June St., Worcester, Massachusetts.

Downey, Helen M., A.M.; A.B. Wellesley Coll., 1908; teacher; b: North H. S., Worcester, Mass.; h: 10 Trowbridge Rd., Worcester, Mass.

Hinshaw, Mrs. David S. (Wiggam, Augusta) A.M.; A.B. Emporia Coll., 1908; magazine writer; Westtown, Pennsylvania.

Kanda, Sakyo, A.M.; c/o Dr. N. Oskima, 13, 4-chome, Kudan, Tokyo, Japan.

Kaylor, M. Albertus, A.M. x

Kranz, Anna L., A.M. (See Odum, Mrs. Howard W.)

McCurdy, James H., A.M.; M.P.E. Y. M. C. A. 1907; M.D., N. Y. Univ. Med. Sch., 1893; International Y. M. C. A., Springfield, Massachusetts.

Matheny, William A., A.M.; Ph.D., 1911; Ph.B. Ohio Univ., 1908; Ohio Univ., Athens, Ohio.

Mills, Owen W., A.M., Died 1924.
Nakamura, Yasuma, A.M.; b: Victaulic Co. of Japan, Ltd., Tokyo Kaijo Bldg., Marunouchi, Tokyo, Japan; h: 4042 Shünamchi 6-chome Toshimaku, Tokyo, Japan.
Odum, Mrs. Howard W. (Kranz, Anna L.) A.M.; Chapel Hill, N.C.
Power, Thomas F., A.M. z
Richardson, Carlton E., A.M. z
Salmon, John J., A.M.; A.B., Holy Cross Coll. 1895; master; b: Morse Sch., Allston St., Cambridge, Massachusetts; h: 27 Blake St., Cambridge, Mass.
Wiggam, Augusta, A.M. (See Hinshaw, Mrs. David S.).
Wright, Clarence D., A.M. z

Ph.D.

Bobbitt, John F., Ph.D.; A.B. Ind. Univ., 1901; Univ. of Chicago, Chicago, Illinois.
Ellison, Louise, Ph.D. (See Ordahl, Mrs. George).
Gates, Burton N., Ph.D. z
Ishizawa, Kyugoro, Ph.D.; grad. Waseda Univ., 1898; LL.B. Chino Univ., 1900; A.M. Ia. State Univ., 1904; A.M. Univ. of Wisc., 1907; Bankers Club, Marunouchi, Tokyo, Japan.
Kakise, Hikozo, Ph.D. x
Magni, John A., Ph.D. x
Odum, Howard W., Ph.D.; A.B. Emory Coll., 1904; A.M. Univ. of Miss., 1906; Ph.D. Columbia Univ., 1910; Kenan prof., sociology, director, Institute for Research in Social Science, director, Sch. of Public Welfare; Univ. of N. C., Chapel Hill, N. C.
Ordahl, Mrs. George (Ellison, Louise) Ph.D. z
Rowe, Eugene C., Ph.D. x
Willcox, Inman L., Ph.D. Died 1932.

CLASS OF 1910
A.B.

Baldwin, Ralph W., A.B.; b: New Way Laundry Co., 4809 Aspen St., Phila., Pa.; h: 8 Saxer Ave., Springfield, Delaware County, Pennsylvania.
Barker, Byron W., A.B.; teacher, English; b: H. S., Bangor, Maine; h: 20 Vernon St., Bangor, Maine.
Cross, Joseph P., A.B.; drug business; Huntington, Massachusetts.
Cutler, Harold J., A.B.; D.M.D. Harv. Dental Sch., 1915; dentist; b: 53 Bay State Rd., Boston, Mass.; h: 17 Stevens Rd., Needham, Massachusetts.
Dodge, Henry A., A.B.; LL.D. Boston Univ., 1913; atty.; b: Bank Building, Littleton, N. H.; h: 14 Clan St., Littleton, New Hampshire.
Dolan, Edward J., A.B.; teacher, math,; H. S. of Commerce, Worcester, Massachusetts.
Donnell, Philip S., A.B.; M.E.E. Harv. Univ., 1915; dean of the division of engineering; b: Oklahoma A. & M. Coll., Stillwater, Okla.; h: Hillcrest Rd., Stillwater, Oklahoma.
Earle, Edward, A.B.; sports writer; b: Boston Herald, Sports, Boston, Mass.; h: Marblehead, Mass.
Fallon, Perlie P., A.B.; LL.B. Columbia Univ.; atty; b: 27 Cedar St., New York, N. Y.; h: 110 Alexander Ave., White Plains, N.Y.
Fay, William J., A.B.; M.D. Harv. Univ., 1914; surgeon; b: 179 Allyn St., Hartford, Conn.; h: 162 Collins St., Hartford, Connecticut.
Fenner, Harold L., A.B.; prin.; b: Classical H. S., Worcester, Mass.; h: 60 Copperfield Rd., Worcester, Massachusetts.
Fletcher, Rollo F., A.B.; mngr.; b: Clark-Brewer Teachers' Agency, 64 E. Jackson Blvd., Chicago, Ill., h: 259 So. Myrtle Ave., Villa Park, Illinois.
Foster, James K., A.B.; LL.B. Albany Law School, 1903; atty.; b: 50 Court St., Brooklyn, N. Y.; h: 119 Wellington Rd., Garden City, New York.
Fuller, Harold F., A.B.; A.M., 1911; commercial training supervisor; b: N. J. Bell Telephone Co., 540 Broad St., Newark, N. J.; h: 34 Monroe Ave., East Orange, N. J.
Haskins, Henry S., A.B.; distributor, text books; 206 Main St., Bridgewater, Massachusetts.
Hearn, George D., A.B.; teacher, chem.; b: Classical H. S., Worcester, Mass.; h: 202 Beacon St., Worcester, Massachusetts.
Hinkley, Irving A., A.B.; A.M., 1911; atty.; Lancaster, N. H.
Holt, Howard A., A.B.
Howes, Roy F., A.B. x
Hubley, Gordon A., A.B., Died 1921.
Kadesch, J. Stevens, A.B.; M.Ed. (honorary) 1930; D.Ed. (honorary) Tufts U., 1931; supt. of schools; b: Supt.'s office, Forest St., Medford, Mass.; h: 131 Traincroft, Medford, Mass.
Lurier, Israel, A.B., Died 1923.
Luther, Robert H., A.B.; insurance agent; b: 3007 Book Tower, Detroit, Mich.; h: 7567 Hanover Ave., Detroit, Michigan.
Mackay, George W., A.B.; A.M., 1911; prin. and teacher; Tamsui Middle School, Tamsui, Formosa, Japan.
Marshall, Daniel J., A.B., Died 1924.
Millea, John E., A.B.; M.B.A. Harv. Univ., 1914; dean; b: Babson Institute, Babson Park, Wellesley Hills, Mass.; h: 227 Forest St., Babson Park, Wellesley Hills, Mass.

Monat, Achilles H., A.B.; Montrose St., Springfield, Massachusetts.

Morrow, Curtis H., A.B.; A.M., 1911; Ph.D., 1927; prof. econ. and sociology, and head of dept; b: Colby Coll., Waterville, Me.; h: 3 West Court, Waterville, Me.

Perley, Donald, A.B., Died 1910.

Powers, Wallace F., A.B.; A.M., 1911; Ph.D., 1914; prof., physics and head of dept.; b: Mass. Agricultural Coll., Amherst, Mass.; h: 10 Fearing St., Amherst, Mass.

Ramsdell, Floyd A., A.B.; gen'l. mngr.; b: Worcester Film Corp., 131 Central St., Worcester, Mass.; h: 132 Institute Rd., Worcester, Massachusetts.

Rasely, Warren McK., A.B.; 341 Mt. Auburn St., Cambridge, Mass.

Readey, Daniel J., A.B. x

Rice, Allan G., A.B.; A.M., 1913; teacher, hist.; b: Classical H. S., Worcester, Mass.; h: 6 Isabella St., Worcester, Mass.

Robinson, Carroll W., A.B.; director, Continuation Sch.; 83 St. James Ave., Springfield, Mass.

Schofield, Roger W., A.B.; M.D. Harv. Univ., 1914; physician; b: 36 Pleasant St., Worcester, Mass.; h: 80 Apricot St., Worcester, Massachusetts.

Sheldon, Otis C., A.B.; district mngr.; b: Riley Stoker Corporation, 103 Park Ave., New York, N. Y.; h: 14 Witherspoon Rd., Verona, New Jersey.

Sibley, Robert L., A.B.; A.M., 1911; research director; b: Monsanto Chemical Co., Nitro, W. Va.; h: 46 21st St., Nitro, W. Va.

Sowles, Horace K., A.B.; M.D. Harv. Univ., 1915; physician; b: 279 Clarendon St., Boston, Mass.; h: 48 Allerton St., Brookline, Massachusetts.

Stimson, Harold F., A.B.; A.M., 1911; Ph.D., 1915; physicist; b: Bureau of Standards, Wash., D. C.; h: 2920 Brandywine St., Washington, D. C.

Stoddard, Hubert E., A.B.; b: mngr.; Stephen B. Church Co., Seymour, Connecticut.

Streeter, Robert J., A.B.; A.M., 1912; asst. prin.; b: Roosevelt Jr. H. S., Cleveland Heights, Ohio; h: 3785 Parkdale Rd., Cleveland Heights, Ohio.

Taft, Arthur C., A.B.; accountant; Oxford, Massachusetts.

Thomas, Horatio W., A.B.; LL.B. Union Coll., 1912; atty.; Keeseville, New York.

Wesson, Philip D., A.B.; LL.B. Harv. Univ., 1914; atty., legal dept.; b: Western Electric Co., 195 Broadway, N. Y.; h: 709 Munro Ave., Mamaroneck, New York.

Wheeler, Lucius B., A.B.; 89 Broad St., Boston, Massachusetts.

White, Ralph H., A.B.; A.M., 1911; head, dept. of physics and chem.; b: Acd. Sr. H. S., Camden, N. J.: h: 236 Knight Ave., Collingswood, New Jersey.

Woodbury, Robert M., A.B.; A.M., 1912; Ph.D. Cornell Univ., 1915; statistician; b: International Labor Office, Geneva, Switzerland; h: 107 rue de Lausanne, Geneva, Switzerland.

A.M.

Barrows, George M., A.M. z

Bivin, George D., A.M., Died 1934.

Boland, M. Genevieve, A.M.; A.B. Univ. of Me., 1902; dean of Women, prof., mod. lang.; b: Wash. Coll., Chestertown, Md.; h: 21 Hollywood St., Worcester, Massachusetts.

Brockman, Mrs. Frank M. (Willis, Jessie L.) A.M.; A.M. Columbia Univ., 1930; College of Wooster, Wooster, Ohio.

Butler, Harry J., A.M.; A.B. Holy Cross Coll., 1909; teacher; b: H. S., Fitchburg, Mass.; h: 14 Holt St., Fitchburg, Mass.

Carrigan, Thomas C., A.M., Died 1921.

Cashen, George B., A.M.; A.B. Holy Cross Coll., 1909; teacher; North H. S., Worcester, Massachusetts.

Clare, Edward W., A.M. z

Cochran, M. Ethel, A.M. (See Twichell, Mrs. Henry S.)

Downing, Bertha C., A.M., Died 1933.

Farlin, Amy C., A.M. (See Poland, Mrs. Orville).

Foley, Walter S., A.M., Died 1918.

Goddard, Robert H., A.M.; Ph.D., 1911; Sc.B. Worc. Poly. Tech., 1908; director, physics lab.; b: physics dept., Clark Univ., Worcester, Mass.; h: 1 Talawanda Dr., Worcester, Mass.; sabbatical leave from Clark Univ.; Mescolero Ranch, Roswell, New Mexico.

Gulick, Louise, A.M. (See Whitaker, Mrs. R. B.).

Hart, Robert S., A.M.; A.B., 1907 and Sc.B., 1909, Univ. of Ky.; Pisgah, Kentucky.

Holmes, Percy K., A.M., Died 1924.

Hughes, John L., A.M. z

Kallom, Arthur W., A.M., Died 1932.

Karlson, Karl J., A.M. z

McIndoo, J. M., A.M.; Ph.D., 1912; 1607 South University Ave., Ann Arbor, Michigan.

Poland, Mrs. Orville (Farlin, Amy C.) A.M.; A.B. Boston Univ., 1909; 75 Oak St., Reading, Mass.

Roche, John F., A.M.; A.B. Holy Cross Coll., 1908; head of math. dept., b: H. S., Charlestown, Mass.; h: 52 Whiting St., W. Roxbury, Mass.

Smith, Pauline A., A.M., Died 1939.

Twichell, Mrs. Henry S. (Cochran, M. Ethel) A.M.; A.B. Mt. Holyoke Coll., 1909; poultry woman, teacher; R.F.D. #1, Exeter, N. H.

Udo, Kazuwo, A.M. x

Ueda, Tadaichi, A.M.; Ph.D., 1912; grad Doshisha Theol. Semin. (Japan); The Bank of Chosen, Tokyo, Japan.

Whitaker, Mrs. R. B. (Gulick, Louise) A.M.; A.B. Oberlin Coll., 1909; missionary; American Board Mission, 29 Teng Shih K'on, Peking, China.

Willis, Jessie L., A.M. (See Brockman, Mrs. Frank M.)

Ph.D.

Acher, Rudolph, Ph.D.; A.B. Ind. Univ., 1908; State N. S., Terre Haute, Indiana.

Chase, Harry W., Ph.D.; A.B., 1904 and A.M., 1908, Dartmouth Coll., 2 Fifth Ave., New York, N. Y.

Curtis, Elnora W., Ph.D. z

Dickinson, Hobert C., Ph.D.; A.B., 1900 and A.M., 1901, Williams Coll.; b: Nat'l. Bureau of Standards, Wash., D. C.; h: 4629 39th St., N. W., Wash., D. C.

Forbes, William T. M., Ph.D.; A.B. Amherst Coll., 1906; entomologist; b: Dept. of Entomology, Cornell Univ., Ithaca, N. Y.; h: 213 Bryant Ave., Ithaca, N. Y.

Fulcher, Gordon S., Ph.D.; Sc.B. Northwestern Univ., 1905; 219 Raymond St., Chevy Chase, Md.

Holmes, William H., Ph.D.; A.B. Colby Coll., 1897; supt., schools, 2 Park Lane, Mt. Vernon, N. Y.

Hutchinson, George A., Ph.D.; A.B., 1906 and A.M., 1908 Ind. Univ.; prof.; Peabody Hall, Univ. of Georgia, Athens, Georgia.

Morley, Raymond K., Ph.D.; A.B. and A.M. Tufts Coll., 1904; prof., math.; b: Worc. Poly. Tech., Worcester, Mass.; h: 43 Laconia Rd., Worcester, Massachusetts.

Porter, Thomas L., Ph.D., Died 1926.

Sackett, Leroy W., Ph.D. x

Steves, George H., Ph.D. z

Stoutemyer, John H., Ph.D.; A.B. Kalamazoo Coll., 1906; A.B. Univ. of Chicago, 1906; Franklin Coll., Franklin, Indiana.

Weaver, Edward E., Ph.D., Died 1931

CLASS OF 1911

A.B.

Anderson, Ernest L., A.B.; atty.; b: 311 Main St., Worcester, Mass.; h: 67 Cedar St., Worcester, Mass.

Arnold, David J., A.B.; State Dept. of Ed., Rehabilitation Div.; b: 80 Centre St., New York, N. Y.; h: 474 74th St., Brooklyn, New York.

Arnold, Ray D., A.B.; A.M. Trinity Coll., 1927; teacher, modern languages; b: Public H. S. Hartford, Conn.; h: 63 Riggs Ave. W. Hartford, Connecticut.

Basnett, Douglas, A.B.; M.F. Yale Univ., 1923; asso. forester U.S. F.S.; b: c/o State Forester, Jackson, Miss.; h: 1594 West Capitol, Jackson, Mississippi.

Bassett, Gardner C., A.B.; Ph.D. Johns Hopkins Univ., 1913; A.M. (honorary) Dartmouth Coll., 1922; Gettysburg Coll., Gettysburg, Pa.

Bennett, Glen R., A.B.; teacher; 51 W. Ashmead Pl., N. Germantown, Philadelphia, Pennsylvania.

Boyle, Charles F., A.B.; LL.B. Boston Univ., 1914; atty.; b: 311 Main St., Worcester, Mass.; h: 128 Institute Rd., Worcester, Mass.

Brown, Herman E., A.B.; LL.B. Univ. of Wash., 1917; atty.; b: Washington Title Insurance Co., 1723 Smith Tower, Seattle, Wash.; h: 1933 E. Blaine St., Seattle, Washington.

Butler, John F., A.B., Deceased.

Carter, Allan L., A.B., Died 1939.

Chaplin, Fred W., A.B., Died 1918.

Chilson, Wallace S., A.B., Died 1916.

Clancey, Frank H., A.B. actor; 18 Winslow St., Worcester, Mass.

Cole, George E., A.B.; mngr.; b: Harvard Cooperative Society, 1400 Main St., Cambridge, Mass.; h: 195 School St., Belmont, Mass.

Cook, William R., A.B.; A.M., N. Y. Univ., 1925; prin.; b: H. S., Watertown, Conn.; h: 26 Sunset Ave., Watertown, Connecticut.

Cummings, Stanley W., A.B.; mngr. and agent; b: Sweetheart Tea House, Mohawk Trail, from May to Nov. - The Equitable Life Ins. Co. of N. Y., Springfield, Mass.; h: 22 Main St., Shelburne Falls, Massachusetts.

Feingold, Joseph, A.B., Died 1922.

Gammons, Herbert, A.B.; 49 Cross St., West Newton, Massachusetts.

Hirsch, Samuel W., A.B.; A.M., 1912; teacher; 3113 Euclid Ave., Philadelphia, Pennsylvania.

Jackson, Harry L., A.B.; A.M., 1912; director, employes savings dept.; b: General Motors Bldg., Detroit, Michigan; h: 26023 Hendrie Blvd., Huntington Woods, Royal Oak, Mich.

Kaufman, Reuben, A.B.; A.M. Columbia Univ., 1912; L.H.D. Jewish Theological Seminary, 1917; Rabbi; b: Temple Emanuel, Broadway and 33rd St., Paterson, N. J., h: 349 East 36th St., Paterson, N. J.

Kirkpatrick, Robert, A. B.; A.B. and Sc.M. McGill Univ., 1913; sales mngr.; b: Norton Co., 1 New Bond St., Worcester, Mass.; h: 46 Beechmont St., Worcester, Mass.

Laine, Edmund R., A.B.; grad; General Theological Seminary, 1914; clergyman; St. Paul's Episcopal Church, Stockbridge, Massachusetts.

Loomis, Robert H., A.B.; A.M. Harv. Univ., 1918; pres.; b: Loomis, Sayles & Co., Investment Counsel, 140 Federal St., Boston; h: 190 Forest Ave., West Newton, Massachusetts.

Melvin, Roy S., A.B.; fire prevention engineer; b: Eastern Underwriters' Inspection Bureau, 89 Broad St., Boston, Mass.; h: 25 Middlefield Drive.,West Hartford, Connecticut.

Norris, Albert F., A.B.; foundry business; b: 110 Gibson St., Dorchester, Mass.; h: 98 Gibson St., Dorchester, Massachusetts.

Oakes, John W., A.B.; instr.; b: H. S., of Commerce, Worcester Mass.; h: 297 Pleasant St., Worcester, Massachusetts.

Peters, Frank W., A.B.; dist. sales mngr.; b: 840 Hospital Trust Bldg., Providence, R. I.; h: 15 Cole Ave., Providence, Rhode Island.

Preston, Harold A., A.B.; senior interviewer; b: Conn. State Employment Service,Hartford, Conn.; h: 984 Main St., E. Hartford, Connecticut.

Racine, Arthur R., A.B., head of modern language dept.; b: Mechanics Arts H. S., Boston, Mass.; h: 155 Elm St., W. Somerville, Massachusetts.

St. John, Charles W., A.B., Died 1934.

Schwab, William K., A.B.; A.M., 1912; teacher, Am. Hist. and problems of democracy; b: Sr. H. S., Atlantic City, N. J.; h: 36 Van Mar Ave., Pleasantville, New Jersey.

Thompson, Hubert C., A.B.; asst. U.S. Attorney; 165 Mill St., Haverhill, Massachusetts.

Totah, Khalil A., A.B.; prin.; Friends' Sch.; Ram Allah, Palestine.

Tourville, Bertram, Died 1936.

Walsh, James H., Jr., A.B.; LL.B. Boston Univ., 1913; atty.; b: 280 Main St., Fitchburg, Mass.; h: 42 Hammond St., Leominster, Mass. and 35 Day St., Fitchburg, Massachusetts.

White, Ernest H., A.B.; Sc.M. Univ. of Chicago, 1915; M.D. Harv. Univ., 1922; prof. obstetrics and gynecology, Univ. of Ark., Sch. of Med., Fayetteville, Ark.; physician, 941 Donaghey Bldg., Little Rock, Arkansas; h: 105 Crystal Street, Little Rock Arkansas.

A.M.

Clarke, Edwin L., A.M. z

Damon, Alice H., A.M.; A.B. Univ. of Mich., 1890; teacher of dea 389 Main St., W. Concord, Mass.

DuBois, Benjamin G., A.M.; A.B. Ottawa Univ., 1910; Officier d'Academie, Republique de France, 1938; prof., French; b: Notre Dame Univ., Notre Dame, Ind.; h: 416 East Peashway St., South Bend, Indiana.

Elliott, Robert T.,A.M., Died 1934.

Emerson, Paul S., A.M.; Sc.B. Norwich Univ., 1910; 44 Putney Rd., Brattleboro, Vermont.

Finkenbinder, E. O., A.M., Died 1937.

Fleming, Pierce J., A.M. x

Fuller, Harold F., A.M. z

Hammond, Ernest, A.M. x

Hayes, Alice B.,A.M.(See Lefschetz, Mrs. Solomon).

Hinkley, Irving A., A.M. z

Howard, Frank E.,A.M.; Ph.D., 1912; B.Ped.,1907 and A.B., 1910, Mich. St. N. S.; prof., ed., psych.; b: Middlebury Coll., Middlebury, Vermont; h: 17 South St., Middlebury, Vermont.

Kirtley, Ida H., A.M. (See Wood, Mrs. Moses E.)

Lefschetz, Mrs. Solomon (Hayes, Alice B.) A.M.; Sc.B. Pacific Coll., 1908; A.B. Univ. of Ore., 1910; Princeton Univ., Princeton, New Jersey.

MacKay, George W., A.M. z

Mayer-Oakes, Frederick T., A.M.; A.B., 1905 and Ph.D., 1910 Kans. City Univ.; A.M., 1908 and Sc.M., 1910 Leander Clark Coll.; B.D., 1913 and D.D., 1916 Chicago Lutheran Theol. Sem.; LL.D. Iowa Christian Coll., 1923; Congregational clergyman; b: Box 535, Pekin, Ill.; h: 325 South Fourth St., Pekin, Illinois.

Miller, Mrs. Newton (Roethlein, Barbara E.) A.M., 404 West Belleview St., Porterville, Calif.

Monroe, Arthur, A.M.; A.B. Amherst Coll., 1897; atty. and judge; b: 2 Sugden Block,Spencer, Mass.; h: 24 Irving St., Spencer, Mass.

Morrow, Curtis H., A.M. z

Moyle, Henry B.,A.M.; A.B. McMaster Univ., 1906; M.B. Univ. of Toronto, 1910; Med. Director Hartley Salmon Clinic; b: 488 Main St., Hartford, Conn.; h: 20 Buena Vista Rd., W. Hartford, Conn.

Perry, William B.,A.M.; B.D. Bishop Payne Divinity Sch., 1898; A.B. Latta Univ., 1908; 103 Locust Ave., Worcester, Massachusetts.

Powers, Wallace F., A.M. z

Roethlein, Barbara E., A.M. (See Miller, Mrs. Newton)

Rosanoff, Mrs. M. A. (Louise P.) A.M., Deceased.

Sampson, George G., A.M.; A.B. Bates Coll., 1905; teacher, b: H. S. of Commerce, Worcester, Mass.; h: 12 Lowell St., Worcester, Massachusetts.

Shafer, George H., A.M.; A.B. Univ. of Chattanooga, 1906; prin.; b: State Normal Training Sch., Willimantic, Conn.; h: 246 North St., Willimantic, Connecticut.

Sibley, Robert L., A.M. z

Smith, Claude L., A.M.; A.B. Antioch Coll., 1909; LL.B. Cumberland Univ., 1913; atty.; b: Charleston, W. Va.; h: 427 8th Ave., St. Albans, West Virginia.

Sparkman, Colley F., A.M. x

Steele, Asa G., A.M.; Ph.D., 1913; Sc.B. Univ. of Mo., 1901; LL.D. Bowdoin Coll., 1908; ed. director; b: Institute of Family Relations, 331 Construction Bldg., Los Angeles, Calif.; h: 1611 N. Oxford Ave., Pasadena, California.

Steele, Mrs. Asa G. (Adele A.) A.M.; Ph.D., 1913; A.B. Potter Coll., 1907; prof., sociology; b: Pasadena Coll., Pasadena, Calif.; h: 1611 N. Oxford Ave., Pasadena, California.

Stimson, Harold F., A.M. z

Sullivan, Thomas F., A.M.; A.B. Holy Cross Coll., 1910; teacher; b: Commerce H. S., Worcester, Mass.; h: 91 June St., Worcester, Massachusetts.

White, Ralph H., A.M. z

Wood, Moses E., A.M., Died 1925.

Wood, Mrs. Moses E., (Kirtley, Ida H.) A.M.; Sc.B. Lebanon Univ., 1892; librarian; b: Alva City Library, Alva, Okla.; h: 225 Barnes Ave., Alva, Oklahoma.

Yamada, Sohichi, A.M.; Ph.D., 1913; A.B. DePauw Univ., 1910; 231 Taira-Machi, Meguro-Ku, Tokyo, Japan.

Ph.D.

Bacon, Charles W., Ph.D. z

Becknell, Guy G., Ph.D.; Sc.B., 1904 and Sc.M., 1905, Northwestern Univ.; prof., physics; b: Univ. of Tampa, Tampa, Fla.; h: 6900 Dixon Ave., Tampa, Fla.

Carrigan, Thomas C., Ph.D., Died 1921.

Chidester, F. E., Ph.D. z x

Conklin, Edmund S., Ph.D. z

Cooley, Herbert C., Ph.D.; A.B. Mich. State Normal Coll., 1907; A.M. Harv. Univ., 1911; retired; Gunnison, Colorado.

Goddard, Robert H., Ph.D. z

Hartson, Louis D., Ph.D.; Ph.B. Grinnell Coll., 1908; Pd.M. N. Y. Univ., 1909; prof., psych.; b: Oberlin Coll., Oberlin, Ohio; h: 161 Forest St., Oberlin, Ohio

Harvey, McLeod, Ph.D.; A.B. Dalhousie Univ., 1889; prof., religious ed.; b: Waynesburg Coll., Waynesburg, Pa.; h: 54 Cumberland St., Waynesburg, Pa.

Lefschetz, Solomon, Ph.D.; grad L'École Centrale des Arts et Manufactures, 1905; Princeton Univ., Princeton, New Jersey.

Matheny, William A., Ph.D. z

Montgomery, William J., Ph.D., Died 1915.

Nice, Leonard B., Ph.D.; Ph.B. Ohio Univ., 1908; prof. physiology; b: Chicago Med. Sch. Chicago, Ill.; h: 5708 Kenwood Ave., Chicago, Illinois.

Spidle, Simeon, Ph.D.; A.B., 1897 and D.D., 1926, Acadia Univ.; B.D. Newton Theological Inst., 1903; LL.D. Dalhousie Univ., 1919; Mahone Bay, N. S., Canada.

Weld, Harry P., Ph.D.; Ph.B. Ohio State Univ., 1900; prof. psych.; b: Cornell Univ., Ithaca, N. Y.; h: 107 Hillside Dr., Ithaca, N. Y.

Wright, Clarence D., Ph.D. z

CLASS OF 1912
A.B.

Alexander, Forrest E., A.B.; sec. and asst. treas.; b: Warren Belting Co., Worcester, Mass.; h: 11 Brookshire Rd., Worcester, Massachusetts.

Atwood, Harold B., A.B., Died 1935.

Battles, Earle W., A.B., Deceased.

Belisle, Eugene S., A.B., Died 1928.

Bemis, Samuel F., A.B.; A.M., 1913; Litt.D. (honorary), 1937; A.M., 1913 and Ph.D., 1916 Harv. Univ., Farnam Prof. of diplomatic hist.; b: Yale Univ., New Haven, Conn.; h: 120 Ogden St., New Haven, Conn.

Brigham, Lawrence W., A.B., A.M., 1913; teacher, hist.; b: North H. S., Worcester, Mass.; h: 97 Morningside Rd., Worcester, Massachusetts.

Burt, Arthur W., A.B.; teller; b: The Thompsonville Trust Co., Thompsonville, Conn.; h: 1116 Enfield St., Thompsonville, Conn.

Butler, Walter G., A.B.; A.M. 1914; pres.; b: Perkins and Butler, Inc., 16 Federal St., Worcester, Mass.; h: 15 Monmouth Rd., Worcester, Massachusetts.

Carmichael, Robert R., A.B., B.D. E.T.S., 1915; asst. rector; b: All Saints' Church, Worcester, Mass.; h: 9 Westland St., Worcester, Massachusetts.

Cody, Paul, A.B., Died 1934.

Cummings, Charles H., A.B.; A.M. 1913; director; b: Community House, 33 Oak St., Springfield, Mass.; h: 197 Marion St., Springfield, Massachusetts.

Dawson, Leo H., A.B.; A.M., 1914; Ph.D. N. Y. Univ., 1925; asst. physicist; b: Naval Research Laboratories, Bellevue, D. C.; h: 3610 Homer Pl., S. E., Wash., D. C.

Dibble, Roy F., A.B., Deceased.

Dickie, Allan, A.B.; A.M. 1914; teacher; b: H. S. of Commerce, Worcester, Mass.; h: 3 Mt. Pleasant St., Worcester, Mass.

Dunphy, Raymond A., A.B.; A.M., 1913; chemist; E. I. du Pont Co.; 44 Zeigler Tract, Penns Grove, New Jersey.

Dwyer, John F., A.B.; factory mngr.; b: Brewer Titchever Corp., Cortland, N. Y.; h: 64 West Court St., Cortland, New York.

Frame, Floy H., A.B.; E.E. Worc. Poly Tech., 1924; prof., electrical engineering; b: Mo. Sch. of Mines and Metallurgy, Rolla, Mo.; h: 703 E. 12th St., Rolla, Mo.

Gaylord, Harding W., A.B.; B.D., 1922 and A.M., 1924 Yale Univ.; clergyman; Farmington, Maine.

Godfrey, Henry R., A.B.; A.M.Ed. Harv. Univ., 1925 8 Maurice Rd., Wellesley, Massachusetts.

Hankins, Ralph H., A.B.; dentist; 639 Grosvenor Bldg., Providence, Rhode Island.

Herdman, Gordon W., A.B.; statistician; 82 Elgin St., Newton Centre, Massachusetts.

Higgins, John R., A.B.; LL.B. Harv. Univ., 1915; atty.; b: 201-203 Stadium Bldg., Woonsocket, R. I.; h: 110 Meadow Rd., Woonsocket, Rhode Island.

Jacobson, Henry, A.B.; A.M., 1913; minister; 18 Elm St., East Longmeadow, Massachusetts.

Johnson, Carl, A.B.; 73 Davidson Rd., Worcester, Massachusetts.

Johnson, Ward L., A.B.; headmaster; Lawrence Sch., Hewlett, L. I., New York.

Kimball, Ralph G., A.B.; chemist; 5 Pineland Ave., Worcester, Mass.

Kirby, John R., A.B.; pres.-treas.; b: Portland Roofing Co., 22 Union Wharf, Portland, Me.; h: 276 Pine St., So. Portland, Maine.

Klain, Zora, A. B.; A.M. Pa. State Coll., 1917; Ph.D. Univ. of Pa., 1924; head, dept. of ed.; b: Rutgers Univ., New Brunswick, N. J.; h: Stelton, New Jersey.

Little, Malcolm G., A.B.; A.M. Columbia Univ., 1924; 2730 Gregory St., Madison, Wisc. x

McCurdy, John R., A.B.; A.M. Columbia Univ., 1925; general sec.; b: Y.M.C.A., New Haven, Conn.; h: 10 Lansdowne Ave., Hamden, Conn.

Maynard, Leland C., A.B.; grad Burdett Coll., Sch. of B.A., 1928; advertising manager; b: Woodbury and Co., Chadwick Sq., Worcester, Mass.; h: South Berlin, Mass.

Miner, Douglas F., A.B.; Sc.B., 1915, and E.E., 1917; Worc. Poly. Tech.; engineer, mngr., material and process; b: Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.; h: 360 Ave., F., Wilkinsburg, Pennsylvania.

Morton, Harold A., A.B.; A.M., 1913; Ph.D. Univ. of Pittsburgh, 1915; research chemist; b: Miller Rubber Co., Akron, Ohio; h: 475 Dorchester Rd., Akron, Ohio.

Oberg, Frank T., A.B.; M.D., Harv. Univ., 1916; physician; 689 Asylum Ave., Hartford, Conn.

Oehme, Paul A., A.B.; real estate; 22 Milton St., Worcester, Mass.

Peckham, John L., A.B.; A.M., Pa. State Coll., 1915; Pd.M., Syracuse Univ., 1917; S.T.B., General Theological Sem., 1919; Ph.D. Yale Univ., 1930; S.T.M. Oberlin Coll., 1933; clergyman; b: St. Stephen's Church, Niagara Falls, N. Y.; h: 519 Cedar Ave., Niagara Falls, New York.

Peltier, Louis J., A.B.; A.M. Columbia Univ., 1922; supt. of schools; Central St., West Boylston, Massachusetts.

Pierce, Harold F., A.B.; Sc.B. Oxford Univ., 1922; Ph.D. Columbia Univ., 1927; M.D. Johns Hopkins Univ., 1935; physician; b: 944 Park Ave., New York, New York; h: 308 East 79th St., New York, N. Y.

Powers, Frank R., A.B.; state mngr., Beacon Oil Co.; 69 Temple Ave., Winthrop, Massachusetts.

Radley, Edward T., A.B., Died 1935.

Rasely, Hiram N., A.B.; vice pres.; b: Burdett Coll., Boston, Mass.; h: 227 Common St., Belmont, Mass.

Risley, Charles H., A.B.; 45 Mapledell St., Springfield, Mass.

Sanborn, Kent L., A.B.; A.M. Univ. of Colorado, 1930; prin.; b: Jr.-Sr. H. S., Longmont, Colo.; h: 611 Grant St., Longmont, Colorado.

Sarasohn, Israel J., A.B.; A.M. Univ. of Cincinnati, 1914; Rabbi, Hebrew Union Coll., 1916; Jewish Chaplain; b: P.O. Box 125, Leavenworth, Kans.; h: Planter Apts., C-12, Leavenworth, Kansas.

Sheehan, Jeremiah, A.B.; teacher; b: Rivera Sch., Brookline, Mass.; h: 230 Mason Terrace, Brookline, Massachusetts.

Smith, John A., A.B.; M.B.A. Harv. Univ., 1914; 35 Bartlett Ave., Arlington, Massachusetts.

Smith, Milton, A.B.; A.M., 1919 and Ph.D., 1930, Columbia Univ.; assoc. prof., speech; b: Columbia Univ., Teachers' Coll., New York, N. Y.; h: Livingston Hall, Columbia Univ., New York, N. Y.

Stoddard, Russell B., A.B.; asst. gen'l. mngr.; 6 Wildwood Ter., Glen Ridge, New Jersey.

Sturtevant, Arnold P., A.B.; Ph.D. G. Wash. Univ., 1923; agriculturist in charge; b: Intermountain State Bee Culture Field Lab., Laramie, Wyo.; h: 201 South 13th St., Laramie, Wyoming.

Tetrault, Philippe A., A.B.; Sc.M. Purdue Univ., 1914; Ph.D. Wisc., 1929; prof., bacteriology; b: Purdue Univ., Lafayette, Ind.; h: 235 DeHart St., West Lafayette, Indiana.

Thayer, Ralph H., A.B. x

Towne, Ralph V., A.B.; clerk; b: Aetna Insurance Co., 670 Main St., Hartford, Conn.; h: 1469 Boulevard, West Hartford, Conn.

Twining, Ralph H., A.B.; Sc.M. Hobart Coll., 1914; b: Gray Chemical Co., Roulette, Pa.; h: Coudersport, Pennsylvania.

Tyree, Louis C., A.B.; LL.B., 1919 and LL.M., 1921 Boston Univ.; atty.; 6028 South Parkway, Chicago, Illinois.

Walker, Frank A., A.B., Died 1925.

Webb, J. Shaw, A.B.

Wheeler, Raymond H., A.B.; A.M., 1913; Ph.D., 1915; psych. dept.; Univ. of Kans., Lawrence, Kans.

Whiting, Robert A., A.B.; warehouse supt.; Market Basket Corp., wholesale grocers, 680 Castle Heights, Geneva, New York.

Whitman, Warren C., A.B.; Sc.B., M.I.T., 1915; dept. mngr.; b: 221 State St., Boston, Mass.; h: 30 Prospect St., Winchester, Mass.

Winslow, Arthur C., A.B.; Great Northern Paper Co., Millinocket, Maine.

A.M.

Campbell, Ivy G., A.M.; Ph.D., 1914; A.B. Univ. of Colo., 1911; Wells Coll., Aurora, New York.

Dolbear, Katherine E., A.M., Died 1931.

Drake, Dorothy, A.M.; A.B. Smith Coll., 1898; 37 Fairfield St., Boston, Massachusetts.

Goodrich, Merton T., A.M.; Sc.B. Univ. of Me., 1909; b: State N. S., Keene, N. H., h: 20 Marlboro St., Keene, New Hampshire.

Grose, Merritt R., A.M., Deceased.

Hirsch, Samuel W., A.M. z

Jackson, Harry L., A.M. z

Mackie, Ransom A., A.M. x

Potter, Herman M., A.M.; A.B. Univ. of Wisc., 1906; food chemist; b: c/o Sprague-Warner and Co., Chicago, Ill.; h: 7212 N. Paulina St., Chicago, Illinois.

St. John, Charles W., A.M., Died 1934.

Schultze, John F. W., A.M.; Ph.D., Deceased.

Schwab, William K., A.M. z

Squier, Rosie G., A.M.; A.B. Wellesley Coll., 1899; teacher, (retired); 23 Hampden Rd., Monson, Mass.

Stoy, Annie E., A.M.; Sc.B., Lebanon Univ., 1907; library reading teacher, H. S.; 2434 Monta Vista Place, Seattle, Wash.

Streeter, Robert J., A.M. z

Woodbury, Robert M., A.M. z

Yanovsky, Elias, A.M.; Ph.D., 1913; grad. Univ. of St. Petersburgh (Russia), 1911; chemist; b: Bureau of Agricultural Chemistry and Engineering, U. S. Dept. of Agriculture, Wash., D. C.; h: 2440 16th St., N.W., Wash., D.C.

Ph.D.

Bohannon, Eugene W., Ph.D.; A.B., 1890 and A.M., 1891 Ind. Univ.; retired; 2323 East First St., Duluth, Minnesota.

Fletcher, John M., Ph.D. x

Howard, Frank E., Ph.D. z

Karlson, Karl J., Ph.D. z

McIndoo, J. M., Ph.D. z

Ueda, Tadaichi, Ph.D. z

CLASS OF 1913

A.B.

Adams, Frank L., A.B.; pres.; b: Frank L. Adams Co., 7 St. Marks Rd., Worcester, Mass.; h: 159 Quinapoxet Lane, Worcester, Mass.

Anselmi, Adolph, A.B.; sec.-treas. b: Palms Realty Co., 302 Francis Palms Bldg., Detroit, Mich.; h: 13350 Strathmoor St., Detroit, Michigan.

Appledorn, Herman H., Jr., A.B.; A.M. Yale Univ., 1918; asso. prof., chem.; b: University Club, State Coll., Pa.; h: 97 Glenwood Ave., New London, Connecticut.

Averill, Lawrence A., A.B.; A.M., 1914; Ph.D., 1915; prof., psych.; b: Worcester S.T.C., Worcester, Mass.; h: 5 Rupert St., Worcester, Massachusetts.

Beckwith, Walter L., A.B.; B.D. Epis. Theol. Semin., 1916; Church of Resurrection, Norwood, R. I.

Berger, Henry E., A.B.; Sc.B. M.I.T., 1915; C.P.H. Harv. Univ., 1922; M.D. Graz Univ., Austria, 1933; physician; 3 Denton Rd., West Wellesley, Massachusetts.

Boireau, Walter H., A.B.; 87 Kilby St., Boston, Massachusetts.

Boyce, Paul L., A.B.; atty.; 12 Kensington Rd., Glens Falls, N. Y.

Brown, Thomas I., A.B.; A.M. 1914; Ph.D. 1920; prof. and chairman, dept. of Soc. Studies; b: Miner Teacher's Coll., Wash., D.C.; h: 2408 Overland Ave., Baltimore, Md.

ALUMNI

Carruthers, Paul E., A.B.; office mngr.; b: Mass. Foundation, 7 Water St., Boston, Mass.; h: 1 Concord Terrace, Framingham, Massachusetts.
Chang, Peng Chun, A.B.; A.M., 1915 and Ph.D., 1924 Columbia Univ.; Nankai Coll., Tientsin, China.
Chester, Edward P., A.B.; 87 Main St., Wethersfield, Connecticut.
Cochran, Harold C., A.B.; supt.; b: George C. Whitney Co., 67 Union St., Worcester, Mass.; h: W. Main St., W. Brookfield, Massachusetts.
Coyne, Charles E., A.B.; 1011 Washington St., Newtonville, Mass.
Cummings, Leo G., A.B.; b: H. S., W. Springfield, Mass.; h: Y.M.C. A., Mitteneague, Massachusetts.
Day, Lorey C., A.B.; A.M., 1916; South Portland, Maine.
Elwell, William B., A.B.; vice prin. and head of dept., English; b: Crosby H. S., Waterbury, Conn.; h: 34 Sycamore Lane, Waterbury, Connecticut.
Gage, Sumner C., A.B.; funeral director; b: 10 Cotting Ave., Marlboro, Mass.; h: 15 Cotting Ave., Marlboro, Massachusetts.
Gay, Ray L., A.B.; printer, Box 45, Northboro, Massachusetts.
Gibney, Carroll N., A.B.; A.M., 1916; director of projects and employment; b: N. Y. A., 265 W. 14th St., New York, N. Y.; h: 9 Pulaski St., Brooklyn, N. Y.
Hill, Davis E., A.B. x
Horne, William O., A.B.; bond dept.; b: Minn. Loan & Trust Co., Minneapolis, Minn.; h: 337 Irving Ave. South, Minneapolis, Minnesota.
Johnson, Frank L., A.B.; asst. traffic supt.; b: Mich. Bell Tel. Co., Detroit, Mich.; h: 8100 E. Jefferson, Detroit, Michigan.
Leach, Lester C., A.B.; 77 Newton St., Drummondville, Quebec, P.Q., Canada.
Lund, John, A.B.; A.M. Columbia Univ., 1914; Ph.D. Yale Univ., 1938; Regional Supervisor; 708 19th St., N.W., Washington, D.C.
Molt, Robert N., A.B.; LL.B. Boston Univ., 1916; atty.; b: 604 Slater Bldg., Worcester, Mass.; h: 127 Burncoat St., Worcester, Mass.
Moran, William T., A.B.; bank mngr.; b: The National City Bank of New York, 55 Wall St., New York, N. Y.; h: 30 Cohawney Rd., Scarsdale, New York.
Nakanishi, Tetsutaro, A.B.; managing director; b: The Vidtaulic Co. of Japan, Ltd., Tokyo Kaijo Bldg., Marunouchi, Tokyo, Japan; Mail Address: P.O. Box No. 424, Tokyo Central; h: 4042 Shiinamachi 6-chome, Toshimaku, Tokyo, Japan.
Nathanson, Joseph N., A.B.; A.M. Columbia Univ., 1924; teacher; b: Sr. H. S., Norwalk, Conn.; h: 26 Morgan Avenue, Norwalk, Connecticut.
Negus, Sidney S., A.B.; A.M. Harv. Univ., 1917; Ph.D. Johns Hopkins Univ., 1923; prof., chem. dept. head; b: Medical Coll. of Va., Richmond, Va.; h: 4102 Wythe Ave., Richmond, Virginia.
Nordenholt, Herman C., A.B.; salesman; 399 St. Paul Ave., Staten Island, New York.
Ogilvie, Clinton B., A.B.; mngr. for S. Jersey of Equitable Ins. Co. of Ia.; 20 Montrose Ave., Verona, New Jersey.
Pratt, Aaron P., A.B.; C.P.H. Harv. Sch. Pub. Health, 1916; M.D. Harv. Univ., 1922; physician; b: 253 Broad St., Windsor, Conn.; h: 253 Broad St., Windsor, Conn.
Resnik, Samuel, A.B.; LL.B. Harv. Univ., atty.; b: 443-444 Tremont St., Boston, Mass.; h: 1 Chapman Ave., Andover, Massachusetts.
Sargent, Elon G., A.B.; 148 West 16th St., New York, N. Y.
Sawyer, Frank L., A.B. x
Sherman, William R., A.B.; A.M., 1914; Ph.D., 1923; Hillsdale Coll., Hillsdale, Michigan.
Staebner, William H., A.B.; information mngr.; b: 11 Bartlett St., Brooklyn, N. Y.; h: Apt. 1, 35-28 80th St., Jackson Heights, Long Island, New York.
Sweeney, James F., A.B., Died 1926.
Thomas, Wilson W., A.B., Deceased.
Thomson, Earl W., A.B.; A.M. Dartmouth Coll., 1915; asso. prof., electrical engineering and physics; b: Dept. E.E. and P., U. S. N. A., Annapolis, Md., h: 151 Monticello Ave., Annapolis, Maryland.
Townsend, Irving J., A.B.; 7 Columbus Ave., Glen Ridge, N. J.
White, Carl M., A.B., Deceased.

A.M.

Bellamy, Raymond F., A.M.; Ph.D., 1917; A.B. Moore's Hill Coll., 1910; prof., sociology; b: Fla. State Coll. for Women, Tallahassee, Fla.; h: 521 W. College Ave., Tallahassee, Florida.
Bemis, Samuel F., A.M. z
Brigham, Lawrence W., A.M. z
Chaplin, Fred W., A.M., Died 1918.
Claman, Samuel, A.M.; grad Fitchburg Mass., State N. S., 1904; Sc.M., Louisiana State Univ., 1917; chemist; b: Md. St. Dept. of Health, Baltimore, Md.; h: Plaza Hotel, Baltimore, Maryland.
Cummings, Charles H., A.M. z
Dunphy, Raymond A., A.M. z

Freeland, George E., A.M.; Ph.D., 1920; A.B. Kans. State N. S., 1909; S.T.S., San Jose, Calif.
Hamilton, Arthur E., A.M., Died 1938.
Harrison, Marion M., A.M.; Ph.D., 1914; Sc.B. Univ. of Ky., 1913; chief chemist; b: Miller Rubber Co., Akron, Ohio; h: R.F.D. #1 Peninsula, Akron, Ohio.
Hoar, Mrs. Charles E. (Tufts, Frances) A.M.; A.B. Wellesley Coll., 1909; Sc.B. Simmons Coll., 1919; 38 Fruit St., Worcester, Massachusetts.
Jacobson, Henry, A.M. z
Jones, George E.,A.M.; Ph.D., 1915; A.B. Kans. S.T.C., 1909; prof.; psych.; b: Univ. of Pittsburgh, Pittsburgh, Pa.; h: 73 Harwood St., Pittsburgh, Pennsylvania.
Mandelstam, Abraham, A.M.; A.B., Coll. City N. Y., 1903; ed. camp director; b: Camp Wigwam, Harrison, Maine; h: 40 West 72nd St., New York, N. Y.
Morton, Harold A., A.M. z
O'Brien, Francis J., A.M.; Ph.D., 1916; A.B. Holy Cross Coll.,1912; M.D. Univ. of Louisville; 2 South Woods Lane, Scarsdale, New York.
O'Flynn, George B., A.M.; Sc.B., Mass. State Coll., 1912; asst. prin.; b: Providence St.,Jr. H.S, Worcester, Mass.; h: 7 Fiske St., Worcester, Massachusetts.
Percy, Carl L., A.M.; B.D. Atlanta Theol. Sem., 1911; prof., hist.; Piedmont Coll., Demorest, Ga.
Rice, Allan G., A.M. z
Sullivan, John F., A.M.; A.B. Holy Cross Coll., 1909; teacher; b: North H. S., Worcester, Mass.; h: 134 Russell St., Worcester, Massachusetts.
Tobin, Frank A., A.M.; A.B. Holy Cross Coll.,1912; resident mngr.; b: 721 City Bank Bldg., Syracuse, N. Y.; h: 715 Crossett St., Syracuse, New York.
Tufts, Frances, A.M. (See Hoar, Mrs. Charles E.).
Waite, Mary A., A.M.; A.B. Smith Coll., 1904; teacher; b: Classical H. S., Worcester, Mass.; h: 105 Elm St., Worcester, Mass.
Wheeler, Raymond H., A.M. z

Ph.D.

Beik, Arthur K., Ph.D.; Ph.B. Grinnell Coll., 1908; Ped.M. School of Ped., N. Y. Univ., 1909; prof., ed.; b: N. Y. State Coll. for Teachers, Albany, New York; h: 2 Glenwood St., Albany, N. Y.
Bivin, George D., Ph.D., Died 1934.
Field, Irving A., Ph.D., Died 1921.
Finkenbinder, E. O., Ph.D., Died 1937.
Fisher, Sarah C., Ph.D.; A.B. Lombard Coll., 1909; A.M. Univ. of Ill., 1910; teacher, research worker; b: Univ. of Calif., Los Angeles, Calif.; h: 6927 La Presa Dr., Hollywood, California.
Gilbertson, Albert N., Ph.D.; A.B., 1908 and A.M., 1909 Univ. of Minn.; B.D. Episcop. Theol. Sch., Cambridge, Mass., 1918; S.T.M. Harv. Univ., 1920; clergyman; 13 Leland Ave.,No. Grafton, Mass.
Jones, Arthur T., Ph.D.; Sc.B.; Univ. of Chicago, 1899; prof., physics; b: Smith Coll.,Northampton, Mass.; h: 78 North Elm St., Northampton, Massachusetts.
Richardson, Roy F., Ph.D.; A.B. Kans. S.T.C., 1909; prof., psych., ed.; b: Carroll Coll., Waukesha, Wisc.; h: 422 Central Ave., Waukesha, Wisconsin.
Robinson, Kirkman K., Ph.D.; A.B., 1907 and A.M., 1908 Univ. of Ore.; c/o R. M. Robinson, Wilderville, Oregon.
Sechrist, Frank K.,Ph.D., Died 1921.
Steele, Asa G., Ph.D. z
Steele, Mrs. Asa G., (Adele A.) Ph.D., z
Van Waters, Miriam, Ph.D.; LL.D. Smith Coll., 1935; supt. State Reformatory, Framingham, Mass.
Woods, Elizabeth L., Ph.D.; A.B., 1909 and A.M.,1910 Univ. of Ore.; director, dept., psych. and educational research; b: 346 Chamber of Commerce, Los Angeles, Calif., h: 6927 La Presa Dr., Hollywood, California.
Yamada, Sohichi, Ph.D. z
Yanovsky, Elias, Ph.D. z

CLASS OF 1914

A.B.

Besselievre, William C., A.B.; B.D. Hartford Semin., 1918; clergyman; Pierre, South Dakota.
Brooks, Roger E., A.B.; farmer and milk distributor;12 Nelson Place, Worcester, Mass.;
Cannon, Robert H., A.B.; salesman; b: 384 So. Erie St.,Toledo, Ohio; h: 4104 Commonwealth Ave.,Toledo, Ohio.
Christopher, Clifford Z., A.B.; LL.B. Suffolk University, 1929; atty., and C.P.A.; b: Room 1004, 141 Milk St., Boston, Mass.; h: 49 Elizabeth Rd., Belmont, Mass.
Daniels, Earl R. K., A.B.; A.M. Univ. of Chicago, 1922; A.M., 1925 and Ph.D., 1926 Harv. Univ., assoc. prof., English; b: Colgate Univ., Hamilton, N. Y.; h: 35 Payne St., Hamilton, N. Y.
Darby, Edward H., A.B., Died 1927.
Edson, Earle R., A.B.; Russia Cement Co., Gloucester, Mass.

Edson, Robert A., A.B.; Healey-Leaver Co., 90 Freeport St., Dorchester, Massachusetts.
Eells, Earnest E., A.B.; A.M. Princeton Univ., 1917; B.D., 1921 and M.S.T., 1937, Auburn Theol. Sem.; pastor and director of Auburn Theol. Sem.; East Hampton Presbyterian Church, East Hampton, New York.
Ellis, Ralph W., A.B., Died 1936.
Fenton, Frederick A., A.B.; A.M. Univ. of Wisc., 1915; Ph.D. Ohio State Univ., 1918; prof. and head of dept. of Entomology; b: Okla. A. and M. Coll., Stillwater, Okla.; h: 524 Blakely St., Stillwater, Oklahoma.
Ferguson, Harold A., A.B.; A.M. 1916; prin., b: H. S., Montclair, N. J.; h: 14 Princeton Pl., Upper Montclair, New Jersey.
Godfrey, Roland J., A.B.; Ed.M. Harv. Univ., 1925; 33 Avon Rd., Wellesley, Massachusetts.
Gordon, Hardy H., A.B., Deceased.
Green, Howard W., A.B.; Sc.B., M.I.T. 1916; Sc.B. Harv. Univ., 1916; sec. of Cleveland Health Council, and director, Real Property Inventory; b: 1001 Huron Rd., Cleveland, Ohio; h: 2231 Delamere Dr., Cleveland Heights, Ohio.
Hayden, Oliver M., A.B.; mngr., rubber lab.; b: E. I. duPont de Nemours and Co., Inc., Wilmington, Del.; h: 1018 Overbrook Rd., Wilmington, Delaware.
Henry, Thomas R., A.B.; 3816 Albemarle St., N. W., Wash., D.C.
Johnson, Charles W., A.B.
Karlson, Hugo P., A.B.; shipping clerk; b: Gridley Stone Printing Co., Orange, Mass.; h: 114 Pleasant St., Orange, Mass.
Kiley, M. Marcus, A.B.; teacher, chem.; 78 Mansfield St., Springfield, Massachusetts.
Lundgren, Gustaf A., A.B., Died 1936.
MacLaren, William G., A.B. x
Murdock, Arthur W., A.B. x
O'Brien, John C., A.B.; A.M., 1915; 6306 Oakridge Ave., Chevy Chase, Maryland.
O'Day, John P., A.B.; Roman Catholic priest; 23 Fales St., Worcester, Massachusetts.
O'Keefe, Justin E., A.B., Died 1915.
Oxholm, Gustav K., A.B.; M.D. Cornell Univ., 1919; physician; 48 Candee Ave., Sayville, N. Y.
Parker, Charles C., A.B.; insurance agent; b: 476 Main St., Worcester, Mass.; h: 15 Kenwood Ave., Worcester, Massachusetts.
Phelps, Everett R., A.B.; A.M., 1917 and Ph.D., 1922, Univ. of Mich.; assoc. prof., physics: b: Wayne Univ., Detroit, Mich.; h: 16835 Sunderland Rd., Detroit, Michigan.
Pilsworth, Malcolm N., A.B.; LL.B. Harv. Univ., 1917; atty.; b: Norton Co., Worcester, Mass.; h: 74 Davidson Rd., Worcester, Massachusetts.
Roark, Eugene W., A.B., Deceased.
Saisselm, Edward L., A.B.; shipper, pres.; b: Oswego Independent Ice Corp., Oswego, N. Y.; h: 100 W. 5th St., Oswego, New York.
Savage, Joseph W., A.B.; A.M. Columbia Univ.; 1317 Somerset Pl., N.W., Wash., D.C.
Shaw, Charles B., A.B.; A.M., 1915; librarian; b: Swarthmore Coll., Swarthmore, Pa.; h: 5 Whittier Pl., Swarthmore, Pa.
Smith, Benjamin F., A.B., Deceased
Smith, Raymond M., A.B., Died 1925.
Sproul, Leland S., A.B.; pres., b: L. S. Sproul and Co., Investments, 2016 Rand Bldg., Buffalo, New York.
Taft, Donald R., A.B.; 112 W. Illinois St., Urbana, Illinois.
Talamo, Joseph, A.B.; A.M., 1915; LL.B. Harv. Univ., 1918; atty.; b: 390 Main St., Worcester, Mass.; h: 76 Longfellow Rd., Worcester, Massachusetts.
Talbot, Rolfe H., A.B.; cost dept., Simonds Saw and Steel Co., Lunenburg, Massachusetts.
Thompson, Thomas G., A.B.; Sc.M., 1915 and Ph.D., 1918 Univ. of Wash.; prof., chem. and director, oceanographic labs.; b: Univ. of Wash., Seattle, Wash.; h: 4002 Burke Ave., Seattle, Washington.
Trafton, F. Lester, A.B.; Ed.M. Harv. Univ., 1934; supt. of schools; b: Supervisory Union, No. 34, Lisbon, N. H.; h: 51 Highland Ave., Lisbon, N. H.
Tupper, Frank E., A.B.; teacher, French; Princeton, Maine.
Ward, John T., A.B.; A.M., 1916; asst. gen'l. mngr. b: M. W. Kellogg Co., Jersey City, N. J.; h: 841 Cedar Terrace, Westfield, New Jersey.
Woodhead, Arthur E., A.B.; A.M., 1926 and Ph.D., 1928 Univ. of Mich.; assoc. prof., zoology; b: Univ. of Mich., Ann Arbor, Mich.; h: 1437 E. Park Pl., Ann Arbor, Michigan.

A.M.

Averill, Lawrence A., A.M. z
Bankes, Walter J., A.M.; pres.; b: Bankes Institute of Commerce, Buckeye Bldg., Akron, Ohio; h: Route 2, Medina, Ohio.
Boyajian, Setrak K., A.M.; 858 P. O. Box, Worcester, Massachusetts.

Berry, Francis C., A.M.; A.B. Holy Cross Coll., 1913; teacher; 84 High St., Milford, Mass.
Brown, Thomas I., A.M. z
Burdick, Earl V., A.M.; A.B. Colgate Univ., 1911; teacher; H. S., 29 Sandford Ave., Plainfield, New Jersey.
Butler, Walter G., A.M. z
Chandler, Edward M. A., A.M.; A.B. Howard Univ., 1913; 828 Tenth St., Waukegan, Illinois.
Coe, George A., A.M.; Ph.D., 1922; B. H. Springfield Coll., 1909; assoc. prof., ed.; b: State Coll., Pullman, Wash.; h: 1815 B St., Pullman, Washington.
Crosland, Harold R., A.M.; Ph.D., 1916; A.B. Univ. of S. C., 1913; Univ. of Ore., Eugene, Oregon.
Dawson, Leo H., A.M. z
Dickie, Allan, A.M. z
Donlon, Charles A., A.M.; A.B. Holy Cross Coll., 1913; 34 Meadow Rd., Woonsocket, Rhode Island.
Dustheimer, Oscar L., A.M.; Sc.B. Ohio Univ., 1913; Sc.M., 1925, and Ph.D., 1927 Univ. of Mich.; prof., math., astronomy; b: Baldwin-Wallace Coll., Berea, Ohio; h: 272 Beach St., Berea, Ohio.
Hori, Baiten, A.M.; Ph.D., 1916; grad., Keiogijuku Univ., 1911; Keio Univ., Tokyo, Japan.
Knapp, Merle C., A.M.; B.P.E., Y. M.C.A. Coll., Springfield, Mass., 1913; vice pres.; b: Safety Federal Savings Loan Assn., 910 Grand Ave., Kansas City, Mo.; h: 200 W. 67th St., Kansas City, Mo.
Kohs, Samuel C., A.M.; Sc.B. Coll. City N. Y., 1912; Ph.D. Stanford Univ., 1919; social worker; b: 610 Temple St., Los Angeles, Calif.; h: 3110 Holly Ridge Dr., Los Angeles, California.
McCormick, Clarence, A.M.; A.B. Univ. of Kans., 1913; Ph.D. Columbia Univ., 1929; head of math dept.; b: Southwestern S.T. C., Weatherford, Okla.; h: 120 W. College Ave., Weatherford, Oklahoma.
McDowell, Floyd M., A.M.; A.B., 1911 and Ph.D., 1919 Ia. State Univ.; 1010 South Noland, Independence, Missouri.
Mateer, Florence, A.M.; Ph.D., 1916; Grad Westchester, Pa., State N. S., 1906; clinical psychologist; b: 37 North Monroe Ave.; h: 1240 Fair Ave., Columbus, Ohio.
Morris, George W., A.M.; A.B. Brown Univ., 1898; supt., schools, N. Attleboro, Mass.; 70 Bank St., N. Attleboro, Massachusetts.
Muttart, William L., A.M.; B.D. Bangor Theol. Sem., 1894; A.B. Lebanon Univ., 1896; 8 Whitaker Ave., Norwich, Connecticut.
O'Connell, John F., A.M.; A.B. Holy Cross Coll., 1913; 24 Oread St., Worcester, Massachusetts.
O'Connell, Joseph V., A.M.; A.B. Holy Cross Coll., 1913; 10 Middle River Rd., Worcester, Mass.
Pleasant, Gault W., A.M.; A.B. Union Christian Coll., 1913; Meron, Indiana.
Purnell, John H., A.M.; A.B. Harv. Univ., 1913; prin.; b: Turner Sch., 4235 Kennerly Ave., St. Louis, Mo.; h: 4252 Enright Ave., St. Louis, Missouri.
Shedd, Clarence P., A.M. z
Sherman, William R., A.M. z
Williams, Curtis T., A.M.; Ph.D., 1917; A.B. Kans. State N. S., 1913; asst. prof.; b: Univ. of Wash., Seattle, Wash.; h: 10024 Valmoy Ave., Seattle, Washington.

Ph.D.

Bullard, James A., Ph.D.; A.B. Williams Coll., 1908; prof., mechanics and math.; b: Coll. of Engineering, Univ. of Vt., Burlington, Vt.; h: 110 Summit St., Burlington, Vermont.
Campbell, Ivy G., Ph.D. z
Ellis, Robert S., Ph.D.; A.B. Univ. of Ark., 1911; Pomona Coll., Claremont, California.
Harrison, Marion M., Ph.D. z
Lieber, Mrs. Hugh G. (Rosanoff, Lillian) Ph.D.; A.B. Barnard Coll., 1908; A.M. Columbia Univ., 1914; director, Galois Inst. of Mathematics; b: Long Island Univ., 300 Pearl St., Brooklyn, N. Y.; h: 258 Clinton Ave., Brooklyn, N.Y.
Lyans, Cecil K., Ph.D., Died 1936.
McDougle, Ernest C., Ph.D.; Sc.B. National Normal Univ., 1891; A.B., 1893 and A.M., 1895 Southern Normal Univ.; atty.; b: Main St., Richmond, Ky.; h: 216 Summitt, Richmond, Kentucky.
Powers, Wallace F., Ph.D. z
Rosanoff, Lillian, Ph.D. (See Lieber, Mrs. Hugh G.)
Schultze, John F. W., Ph.D., Deceased.

CLASS OF 1915

A.B.

Albert, Harry, A.B.; J.D. Southwestern Univ., 1928; atty.; b: 1208 Hartwell Bldg., Long Beach, Calif., h: 159 Argonne Ave., Long Beach, California.
Aldrin, Edwin E., A.B.; Sc.M., 1917 and Sc.D., 1928 M.I.T.; aviation consultant; b: 30 Rockefeller Plaza, New York, N. Y.; h: 25 Princeton Pl., Upper Montclair, New Jersey.
Bartlett, Ralph S., A.B.; 20 Beeching St., Worcester, Massachusetts.

Blake, William H., A.B.; A.M. 1921 and Ph.D., 1932 Columbia Univ.; head, English dept., Horace Mann School for Boys; associate in speech, Teachers College; b: Teachers College, 525 W. 120th St., New York, N. Y.; h: 595 So. Broadway, Nyack, N. Y.

Champ, Anthony M., A.B.; physician; 23 Main St., Brockton, Mass.

Curtis, Roswell F., A.B.; A.M., 1917; Cleveland Club, 10660 Carnegie Ave., Cleveland, Ohio.

Davis, Arthur E., A.B., Died 1935.

Elliott, Clarence H., A.B.; A.M. 1916; supervising prin.; b: Burnside Sch., E. Hartford, Conn.; h: 138 Larrabee St., East Hartford, Connecticut.

Feingold, Louis S., A.B.; LL.B. Harv. Univ., 1918; atty.; b: 390 Main St., Worcester, Mass.; h: 925 Pleasant St., Worcester, Massachusetts.

Fisher, Roy M., A.B.; Acadia Univ., Wolfville, N. S., Canada.

Fitchet, Seth M., A.B., Died 1939.

Forbush, Guy J., A.B.; schoolmaster; b: Phillips Academy, Andover, Mass.; h: 5 Bartlet Hall, Andover, Massachusetts.

Geldard, Walter J., A.B.; Sc.M. McGill Univ., 1917; 46 Rockland St., Springfield, Massachusetts.

Goldblatt, Myron E., A.B.; M.D. Johns Hopkins Univ., 1922; physician; b: 983 Park Ave., New York, N. Y.; h: 179 East 79th St., New York, N. Y.

Greenwood, Wallace W., A.B., Died 1936.

Hicks, Charles R., A.B.; Ph.D., 1931; A.M. Stanford Univ., 1922; prof., hist. and political science; b: Univ. of Nevada, Reno, Nev.; h: 336 E. 9th St., Reno, Nevada.

Husband, Archie B., A.B.; 1740 West Willow St., Long Beach, Calif.

Jacobs, Wilmarth I., A.B.; M.Ed. Harv. Univ., 1928; asst. head master; b: Mercersburg Academy; Mercersburg, Pa.; h: South Main St., Mercersburg, Pennsylvania.

Johnson, C. David, A.B.; A.M. Boston Univ., 1935, teacher; b: Tufts Med. Sch., Boston, Mass.; h: 24 Lunt St., Norfolk Downs, Massachusetts.

Lanois, J. Henry, A.B.; Stelton, New Jersey.

Lansing, J. Twichell, A.B.; A.M., 1916; sales engineer; b: Scintilla Magneto Div., Bendix Aviation Corp., Sidney, N. Y.; h: 62 West Main St., Sidney, N. Y.

McDougle, Ivan E., A.B.; A.M., 1916; Ph.D., 1918; prof., sociology; b: Goucher Coll., Baltimore, Md.; h: 1219 Roundhill Rd., Baltimore, Md.

Paine, Merrill P., A.B.; 15 Summit Rd., Elizabeth, New Jersey.

Pratt, Carroll C., A.B.; A.M., 1916; Ph.D., 1921; prof., psych., and head of dept.; b: Rutgers Univ., New Brunswick, N. J.; h: 7 Bartlett St., New Brunswick, N. J.

Shea, Theodore E., A.B.; A.M. Columbia Univ., 1925; Liberty St., Centerville, Maryland.

Sheehan, John F., A.B.; 76 Walnut St., Natick, Massachusetts.

Small, Max (Smelensky, Max), A.B.; A.M. Columbia Univ., 1917; director; b: Lincoln Prep. School, 98 College St., New Haven, Conn.; h: 280 Willow St., New Haven, Ct.

Smelensky, Max, A.B. (See Small, Max)

Smith, Lawrence, A.B.; A.M., 1916; assoc. prof., econ.; b: Wellesley Coll., Wellesley, Mass.; h: 88 Leighton Rd., Wellesley, Mass.

Stearns, George E., A.B.; chemist; b: Wyman Gordon Co., Worcester, Mass.; h: 118 Fairfield St., Worcester, Massachusetts.

Todd, Leonard C., A.B.; salesman; 4 Davidson Rd., Worcester, Mass.

Webster, Clarence M., A.B.; A.M. Univ. of Mich., 1916; Ph.D. Brown Univ., 1935; author; Hampton, Ct.

Wilson, William J., A.B.; asst. sales mngr.; 1435 Walnut St., Western Springs, Illinois.

Woodbury, Harold D., A.B.; sec. and treas.; b: Woodbury and Company, Chadwick Square, Worcester, Mass.; h: 15 Kimball St., Worcester, Massachusetts.

A.M.

Bishop, John E., A.M., Died 1919.

Chatterjee, Manmath N., A.M.; A.B. Panjuh Univ., India, 1908; Ph.D. Leipzig Univ., 1930; prof., soc. science; Antioch Coll., Yellow Springs, Ohio.

Covitt, Louis D., A.M. x

Darby, Edward H., A.M., Died 1927.

Dealey, Hermoine L., A.M. (See Dvorak, Mrs. H. L.)

Dexter, Wilbur B., A.M.; Ph.D. 1917; Sc.B. Colby Coll., 1914; research chemist; b: National Carbon Co., Cleveland, Ohio; h: 20530 Eric Rd., Rocky River, Ohio.

Douglass, Aubrey A., A.M.; Ph.D. 1917; A.B. Kans. State N. S. 1912; asst. supt.; b: Calif. State Dept. of Ed., Library and Courts Bldg., Sacramento, Calif.; h: 2762 Eleventh Ave., Sacramento, California.

Dunham, Francis L., A.M., Died 1927.

Dvorak, Mrs. H. L. (Dealey, Hermoine L.) A.M.; Ph.B., 1914 and Ph.D., 1918 Brown Univ.; 5217 21st Ave., N. E., Seattle, Washington.

Elliott, Robert N., A.M., A.B. Emory and Henry Coll., 1910; retired; 4903 San Jacinto St., Dallas, Texas.

Folsom, Joseph K., A.M.; Sc.B. Rutgers Univ., 1913; Ph.D. Columbia Univ., 1917; prof.; Vassar Coll., Poughkeepsie, N. Y.

Guerin, Mary E., A.M.; A.B. Middlebury Coll., 1914; teacher; b: North H. S. Worcester, Mass.; h: 46 Monadnock Rd., Worcester, Massachusetts.

Huffman, Charles H., A.M.; A.B. Bridgewater Coll., 1914; Ph.D. Univ. of Va., 1920; prof., English; b: Madison Coll., Harrisonburg, Va.; h: 271 Gratton St., Harrisonburg, Virginia.

Kageyama, Chimaki, A.M.; grad Bun Gaku Shi Waseda Univ., Tokyo, 1905; teacher; The Waseda Univ., Tokyo, Japan.

Lewis, Charles B., A.M.; M.D. Tufts Med. Coll., 1909; director. public sch. health; b: 20 Summer St., Providence, R. I.; h: 329 Wayland Ave., Providence, R. I.

McCorkle, Charles E., A.M.; Ph.B., 1909 and Ped.D., 1918 Ohio Univ.; A.M. Harv. Univ., 1917; county supt. of schools; Sidney, Ohio.

Morse, Margaret, A.M. (See Nice, Mrs. Leonard B.)

Nice, Mrs. Leonard B. (Morse, Margaret) A.M.; A.B. Mt. Holyoke Coll., 1906; independent research in child psych. and ornithology; 5708 Kenwood Ave., Chicago, Illinois.

O'Brien, John C., A.M. z

Prohaska, George A.,A.M.,Died 1918.

Randolph, Vance, A.M.; B.Ed. Kans. Teachers' Coll.; writer, books and articles on popular science; Box 84, Little Rock, Arkansas.

Richmond, Winifred V., A.M.; Ph.D., 1919; B.Ed. Ohio Univ., 1910; psychologist, Asso. Clinical Psychiatrist; St. Elizabeth's Hospital, Washington, D. C.

Robinson, Bruce B., A.M.; A.B. Baker Univ., 1914; M.D. Harv. Med. Sch., 1919; physician; b: Bd. of Educ., Newark, N. J.; h: 16 Park Pl., Newark, New Jersey.

Schneider, Samuel P., A.M., Died 1936.

Shaw, Charles B., A.M. z

Smith, Gertrude A.M. (See Virginia, Sister Marie, S.N.D.)

Talamo, Joseph, A.M. z

Thomas, Adrian, A.M.; Sc.B. Richmond Coll., 1914; chief chemist; Huron Milling Co., Harbor Beach, Michigan.

Thompson, Louis T. E., A.M.; Ph.D., 1917; Sc.B. Kalamazoo Coll., 1914; principal physicist; Naval Proving Ground, Dahlgren, Va.

Virginia, Sister Marie, S.N.D. (Smith, Gertrude) A.M.; A.B. Trinity Coll., 1914; Emanuel Coll., Boston, Massachusetts.

White, Carl M., A.M., Deceased.

Ph.D.

Averill, Lawrence A., Ph.D. z

Brightman, Charles L., Ph.D.; A.M., 1909 and Ph.B., 1909, Brown Univ.; prof., physics; b: Syracuse Univ., Syracuse, N. Y.; h: 852 Ackerman Ave., Syracuse, N. Y.

DeBusk, Burchard W.,Ph.D. Died 1937.

Harrington, Elmer A., Ph.D. z

Hayes, William H., Ph.D.; A.B. Wesleyan Coll., 1895; clergyman; 1626 No. Holyoke St., Wichita, Kansas.

Jones, George E., Ph.D. z

Kubo, Yosihide, Ph.D.; Bungakuhakusi, Imperial Univ. of Tokyo, 1923; prof., psych.; b: Hiroshima Bunrika Univ., Hiroshima City, Japan; h: 538 Seuda-mati, Hiroshima City, Japan.

Sanger, William T., Ph.D.; A.B. Bridgewater Coll., 1909; A.M. Univ. of Ind., 1910; LL.D. Hampden Sydney Coll., 1926; L.H.D. Bridgewater Coll., 1939; LL.D. Univ. of Richmond, 1939; pres.; b: Med. Coll. of Va., 309 N. 12th St., Richmond, Va.; h: 119 Hillcrest Ave., Richmond, Virginia.

Snoddy, George S., Ph.D.; A.B. and Sc.B., 1912 and A.M., 1913 Univ. of Kans.; prof., psych.; b: Ind. Univ., Bloomington, Ind.; h: 716 Woodlawn Ave., Bloomington, Ind.

Stimson, Harold F., Ph.D. z

Wheeler, Raymond H., Ph.D. z

Wilson, Edward C., Ph.D.; A.B. Milligan Coll., 1887; R.F.D. #2, Rockwood, Tennessee.

CLASS OF 1916

A.B.

Atwood, Leland L., A.B.; A.M., 1922 and Ph.D., 1927, Cornell Univ.; b: Worc. Poly. Tech., Worcester Mass.; h: 319 June St.,Worcester, Massachusetts.

Blanchard, Harold H., A.B.; A.M. and Ph.D., Harv. Univ., 1921; Fletcher Prof. of English Lit. and head, dept., English; b: Tufts Coll., Medford, Mass.; h: 32 Calumet Rd., Winchester, Mass.

Brierly, John E., A.B.; A.M., 1917; 34-1/2 Douglas St., Worcester, Massachusetts.

Brigham, Harold K., A.B.; M.D. Med. Coll., N. Y., 1920; physician; 36 Pleasant St., Worcester, Mass.

Burnham, Guy H., A.B.; A.M. 1922; cartographer; b: Clark Univ., Worcester, Mass.; h: 19 Woodman Rd., Worcester, Massachusetts.

Cole, Franklin E., A.B., real estate and insurance; 12 Kinnicutt Rd., Worcester, Mass.

Darling, Eugene A., A.B.; vice pres.; b: 26 Beaver St., New York, N. Y.; h: 277 Park Ave., New York. New York.

Dawson, Paul R., A.B.; A.M. Univ. of N. C., 1921; 404 Rosemary St., Chevy Chase, Maryland.

Eells, Hastings, A.B.; A.M. Princeton Univ., 1918; B.D. Princeton Theol. Sem., 1919; Ph.D. Yale Univ., 1921; prof., hist.; b: Ohio Wesleyan Univ., Delaware, Ohio; h: 161 North Liberty St., Delaware, Ohio.

Ellsworth, Frank H., A.B.; A.M., 1917; chemist; b: 767 Millbury St., Worcester, Mass.; h: 42 Barrett Ave., Worcester, Mass.

Foster, George P., A.B.; teacher; b: Grafton St., Jr. H. S., Worcester, Mass.; h: 10 Navasota Ave., Worcester, Massachusetts.

Gifford, Raymond T., A.B.; investments; b: 19 Congress St., Boston, Mass.; h: 93 Plymouth Rd., Newton Highlands, Massachusetts.

Ginsburg, Maynard, A.B.; 39 Providence St., Worcester, Mass.

Hartz, George E., A.B.; operation and engineering dept.; b: Am. Tel. & Tel. Co., 195 Broadway, New York, N. Y.; h: 13 Columbus Ave., Glen Ridge, New Jersey.

Joyce, Thomas B., A.B.; M.D. Cornell Univ., 1920; physician; 925 First St., Peekskill, New York.

Judson, Lewis V., A.B.; A.M., 1917; Ph.D. Johns Hopkins Univ., 1925; senior physicist; b: National Bureau of Standards, Wash., D.C.; h: 3417 Northampton St., N.W., Washington, D.C.

Lehrer, Leib, A.B.; A.M., 1917; 2185 Bolton St., Bronx, New York.

Levensohn, Abraham S., A.B.; wool merchant; b: 184 Summer St., Boston, Mass.; h: 20 John St., Brookline, Massachusetts

Lubin, Isador, A.B.; Ph.D. Brooking's Institute, 1926; Chesterbroom Farm, East Falls Church, Va.

McCrillis, Jacob W., A.B.; 2511 Coleman Way, Sacramento, Calif.

Magoun, George L., A.B.; research chemist; b: Monsanto Chemical Co., Nitro, W. Va.; h: Box 176, 67 21st St., Nitro, W. Va.

Mason, Harry, A.B., Died 1931.

Merriam, George H., A.B.; A.M., 1927; prin.; b: East Kendall St. Sch., Worcester Mass.; h: 11 Ferdinand St., Worcester, Mass.

Morlock, George A., A.B.; divisional asst., Div. of Far Eastern affairs; b: Dept. of State, Wash., D. C.; h: 405 Delafield Pl., N. W., Washington, D. C.

Morse, Laurence P., A.B.; 27 Winnemay St., Natick, Massachusetts.

Nelson, Ernest W., A.B.; A.M., 1921; Ph.D., Cornell Univ., 1925; asst. prof., hist.; b: Duke Univ., Durham, N. C.; h: Box 284, College Station, Durham, N. C.

Oldenburg, William H., A.B.; ranching; Sayle, Montana.

Otis, Paul H., A.B.; asst. traffic supt.; b: Branch Exchanges, Michigan Bell Tel. Co., 1365 Cass Ave., Detroit, Mich.; h: 12611 Wark Ave., Detroit, Michigan.

Prince, Arthur L., A.B.; Sc.M. Mass. State Coll., 1920; assoc. prof., soils, Rutgers Univ. Expt. Station, Asst. Soil Chemist in N. J.; b: New Brunswick, N. J.; h: 225 Wayne St., Highland Park, New Brunswick, New Jersey.

Robinson, Harold C., A.B., Deceased.

Sage, David, A.B.; A.M., 1917; teacher; b: Milton Academy, Milton Mass.; h: 390 Randolph Ave., Milton, Massachusetts.

Sloan, Harold H., A.B.; newspaper circulation mngr.; b: Lowell Sun, Lowell, Mass.; h: 82 James St., Tewksbury, Massachusetts.

Soteriades, C. Theodore, A.B. (See Sottery, C. Theodore).

Sottery, C. Theodore (Soteriades, C. Theodore) A.B.; A.M., 1923 and Ph.D., 1925 Columbia Univ.; prof., chem.; Bard Coll. (of Columbia Univ.), Annandale-on-Hudson, New York.

Sturges, Harold M., A.B.; sp.agt.; b: Conn. Gen'l. Life Ins. Co., 886 Main St., Bridgeport, Ct.; h: 332 Wakeman Rd., Fairfield, Connecticut.

Sumner, Francis C., A.B.; Ph.D., 1920; A.B., 1915 and A.M., 1917, Lincoln Univ.; prof., psych, and head of dept.; b: Howard Univ., Wash., D. C.; h: 1116 Fairmont St., N.W., Washington, D. C.

Talamo, Haskell, A.B., Died 1938.

Thompson, Luther S., A.B.; Ph.D. Univ. of Ill., 1925; Mayo Clinic, Rochester, Minnesota.

Townsend, Frank A., A.B. x

Ward, Henry P., A.B.; assoc. prof., chem.; b: The Catholic Univ. of America, Wash., D.C.; h: 2713 17th St., N. E., Wash., D. C.

White, Leslie B., A.B.; chemist; b: Simpson Spring Co., South Easton, Mass.; h: Eastondale, Massachusetts.

Whittey, Austin L., A.B.; A.M., 1917; 188 Fern St., W. Hartford, Connecticut.

A.M.

Allison, Vernon C., A.M.; A.B. State Man. Training N. S., 1914; Picatinny Arsenal, Dover, New Jersey.

Bentley, John E., A.M.; Ph.D. McGill Univ., 1915; S.T.B., 1917 and M.R.E., 1918, Boston Univ.; D. Theol. Montreal 1923; head dept. ed. and psych., Coll. of Liberal Arts, prof., psych., Graduate Sch.; b: American Univ., Wash., D. C.; h: 4529 Lowell St., N. W., Washington, D. C.

Brennan, Mrs. Fred J. (Kneeland, Gertrude) A.M.; A.B. Brown Univ., 1915; 51 Hollywood St., Worcester, Massachusetts.

Brooks, James F., A.M.; A.B. Univ. of S. C., 1914; County Supt. of Ed.; 177 Carlisle St., Spartanburg, South Carolina.

Burgess, Mrs. S. A. (Alice M.) A.M.; A.B. Cornell Univ., 1914; 707 Proctor Pl., Independence, Montana.

Conley, Fred C., A.M.; A.B. Bethany Coll., 1914; prin.; b: H. S. Newburg, W. Va.; h: P. O. Box 216, Newburg, W. Virginia.

Conlin, James F., A.M.; A.B. Holy Cross Coll., 1915; 385 Madison St., Fall River, Mass.

Day, Lorey C., A.M. z

Elliott, Clarence H., A.M. z

Ferguson, Harold A., A.M. z

Gibney, Carroll N., A.M. z

Gist, Nathan H., A.M.; D.D.S. Northwestern Univ., 1908; editor and minister; Box 456, Leominster, Massachusetts.

Greisheimer, Esther M., A.M.; Sc.B. Ohio Univ., 1914; Ph.D. Univ. of Chicago, 1919; M.D. Univ. of Minn., 1923; prof., physiology; b: Woman's Med. Coll., Phila., Pa.; h: 212 W. Highland Avenue, Chestnut Hill, Philadelphia, Pennsylvania.

Hancock, Thomas, A.M., Died 1929.

King, James A.M.; Ph.D., 1918; A.B. Oskaloosa Coll., 1912; Olivet Coll., Olivet, Michigan.

Kneeland, Gertrude, A.M. (See Brennan, Mrs. Fred J.).

Kurihara, Shinichi, A.M.; Ph.D., 1918. x

Lansing, J. Twichell, A.M. z

Long, Howard H., A.M.; Sc.B. Howard Univ., 1915; asst. supt. in charge of Research Division, public schools; 717 East St., N.E., Washington, D. C.

McDougle, Ivan E., A.M., z

Mooney, William B., A.M.; Pd.B., 1902, and Pd.M., 1903, State N. S. of Colo.; A.B. S.T.C. of Colo., 1910; 1705 Rosemary St., Denver, Colorado.

Moore, Clyde B., A.M.; A.B. Nebr. Wesleyan Univ., 1912; Ph.D. Columbia Univ., 1924; prof., ed.; b: Cornell Univ., Ithaca, N. Y.; h: 230 Waite Ave., Ithaca, New York.

O'Hara, V. Winthrope, A.M.; A.B. Fairmont Coll., 1914; sales engineer; b: Johns-Manville Sales Corp., 326 Broad St., Summit, N. J.; h: 132 Wildwood Ave., Upper Montclair, New Jersey.

Parker, Henry C., A.M.; Ph.D., 1920; Sc.B. Kalamazoo Coll., 1915; patent atty.; b: Victor Bldg., Washington, D. C.; h: 708 Longfellow St., N. W., Wash. D. C.

Peabody, Leroy E., A.M.; Sc.B. Norwich Univ., 1915; senior highway economist; b: Public Roads Admin., Wash., D.C.; h: 510 West Windsor Ave., Jefferson Pk., Alexandria, Virginia.

Pratt, Carroll C., A.M. z

Rial, David W., A.M.; Sc.B. Lafayette Coll., 1910; B.Pd. S.N.S., 1915; prin.; 761 Princeton Blvd., Wilkinsburg, Pennsylvania.

Ryan, Francis A., A.M.; Ph.B., 1915 and Ph.D., 1930 Boston Coll.; Ed.M. Harv. Univ., 1925; schoolmaster; b: Bennett School, Somerville, Mass.; h: 353 Sherman St., Canton, Massachusetts.

Smith, Lawrence, A.M. z

Waits, Benjamin L., A.M.; A.B. Howard Univ., 1914; 75 Sycamore St., Albany, New York.

Ward, John T., A.M. z

Ware, Alfred T., A.M., Died 1936.

Zeuch, William E., A.M.; A.B. Lenox Coll., 1915; Ph.D. Univ. of Wisc., 1926; Centro De Estudies De Mexico, Tlalpan D. F., Mexico.

Ph.D.

Andress, J. Mace, Ph.D.; A.B., 1905 and Ed.M., 1923 Mich. State Normal Coll.; Ph.M. Univ. of Chicago, 1906; A.M. Harv. Univ., 1908; teacher, author; 67 Clyde, Newtonville, Massachusetts.

Calhoun, Arthur W., Ph.D.; A.B. Univ. of Pittsburg, 1906; A.M. Univ. of Wisc., 1913; R.F.D. I., Sterling, Kansas.

Crosland, Harold R., Ph.D. z

Dealey, William L., Ph.D.; A.B. and A.M. Brown Univ., 1913; b: 3225-29 Swiss Ave., Dallas, Tex.; h: 4012 Gillon Ave., Dallas, Tex.

Dooley, Lucile, Ph.D.; A.B. Randolph Macon Coll., 1905; A.M. Univ. of Tenn., 1915; M.D. Johns Hopkins Univ., 1922; physician - psychiatry; 2440 16th St., N.W., Washington, D. C.

Hori, Baiten, Ph.D. z

Leyzerah, Peysah, Ph.D.; grad Real Gymnasium (Russia), 1911; c/o I. Rome & Sons, 94 Mechanic St., Worcester, Massachusetts.

Mateer, Florence, Ph.D. z

Meyerhardt, Maurice W., Ph.D.; mngr.; 39 Warren Ave., Marlboro, Mass.

O'Brien, Francis J., Ph.D. z

Peck, Edward B., Ph.D.; Ph.B. Brown Univ.,1912; Sc.M. M. I. T., 1914; 180 Lincoln Ave., Elizabeth, New Jersey.

Smith, Frederick M., Ph.D.; Sc.B., 1898 and D.D., 1923 Graceland Coll.; A.M. Kans. Univ., 1911; pres., Reorganized Church of Jesus Christ of Latter Day Saints; b: The Auditorium, Independence, Mo.; h: R. 4, Box 514, Independence, Missouri.

Treudley, Mary B., Ph.D.; A.B. Ohio Univ., 1906; A.M. Univ. of Chicago, 1910; prof., econ., sociology., b: Wellesley Coll., Wellesley, Mass.; h: Horton House, Wellesley, Massachusetts.

CLASS OF 1917

A.B.

Bean, Francis J., A.B.; M.D. Cornell Med. Sch., 1923; physician and administrator; b: University Hospital, Omaha, Nebr.; h: 5643 Pacific St., Omaha, Nebraska.

Bodfish, Robert W., A.B.; LL.B. Harv. Univ., 1922; atty.; b: 31 Elm St., Springfield, Mass.; h: 92 Dover Rd., Longmeadow, Mass.

Brennan, Fred J., A.B.; A.M., 1918; LL.B. Northeastern Univ., 1932; teacher; b: Classical H. S., Worcester, Mass.; h: 51 Hollywood St., Worcester, Massachusetts.

Bullard, Ralph H., A.B., A.M. 1918; Ph.D. Brown Univ., 1925; prof., chem.; b: Hobart Coll., Geneva, N. Y.; h: 101 St. Clair St., Geneva, New York.

Clark, John B., A.B.; Ed.M. Harv. Univ., 1935; prin.; b: H. S., Williamstown, Mass.; h: 15 School St., Williamstown, Massachusetts.

Dickey, Earl H., A.B.; salesman; b: 129 Pearl N.W., Grand Rapids, Mich.; h: 1035 Alto, S.E., Grand Rapids, Michigan.

Dunham, Earl T., A.B.; gen'l mngr.; b: Dunham Pontiac Co., 1 Chapel St., Needham, Mass.; h: 34 Merrill Rd., Watertown, Mass.

Fuller, Raymond G., A.B.; writer in social research; R.F.D. #2, Newtown, Connecticut.

Goodearl, Arthur W., A.B.; purchasing agent; b: E. A. Pierce & Co., San Francisco, Calif.; h: 1600 Carmelita Ave.,Burlingame, Calif.

Haire, Paul G., A.B.; M.D. Harv. Univ., 1921; physician; b: 6 Pleasant St., Malden, Mass.; h: 12 Highland Ter., Medford, Massachusetts.

Hanson, Frank W., A.B.; head, science dept.; b: Wilby H. S., Waterbury, Conn.; h: 1104 Chase Pkwy., Waterbury, Connecticut.

Harris, Frank, (Harshowitz, Frank) A.B.; A.M. Columbia Univ., 1922; Ph.D. Univ. of Minn., 1930; assoc. prof., econ.; b: Elmira Coll., Elmira, N. Y.; h: 556 West Washington Ave., Elmira, N. Y.

Harshowitz, Frank, A.B.(See Harris, Frank).

Illingworth, Robert S., A.B.; A.M. Lafayette Univ., 1926; Ed.M. Harv. Univ., 1933; prof., drama; b: Clark Univ., Worcester, Mass.; h: 209 Lovell St., Worcester, Massachusetts.

Jones, Carl E., A.B.; A.M., 1918; economist; b: Dennison Mfg. Co., Framingham, Mass.; h: 25 Beech St., Framingham, Massachusetts.

Leavitt, Joseph, A.B.; b: 48-50 Madison St., Worcester, Mass.; h: 126 Newton Ave., Worcester, Massachusetts.

Livermore, Charles R., A.B., Died 1918.

Lundgren, LeRoy E., A.B.; 106 Sturgess St., Jamestown, N. Y.

Mooradkanian, Gregory, A.B.; LL.B. Harv. Univ., 1923; 124 Haverhill St., Lawrence, Massachusetts.

O'Brien, George F., A.B.; M.D. Rush Med. Sch., 1926; b: 185 No. Wabash, Chicago, Ill.; h: 7444 Paxton Ave., Chicago, Illinois.

Perrin, Lloyd W., A.B.; teacher, hist., director of jr. varsity athletics; b: Deerfield Academy, Deerfield, Mass.; h: 18 Darby St., Worcester, Massachusetts.

Pitlik, Samuel, A.B.; A.M. Univ. of Chicago, 1918; Ph.D. Dropsie Coll., 1937; teacher; 4918 N. Warnock St., Philadelphia, Pa.

Richardson, Edgar B., A.B.; Framingham Rd., Marlboro, Mass.

Russell, Robert P., A.B.; Sc.M. M. I. T., 1922; Hemlock Rd., Short Hills, New Jersey.

Shukle, Revashanker M., A.B. x

Smith, Everett H., A.B.; teacher; b: Shady Hill Sch., Cambridge, Mass.; h: 43 Lexington Ave., Cambridge, Massachusetts.

Stanton, Joseph M., A.B.; Wilton, New Hampshire.

Stevenson, Eugene, A.B.; supervisor of training, Commercial dept.; b: Michigan Bell Tel. Co., 1865 Cass Ave., Detroit, Mich.; h: 738 Fisher Rd., Gross Pointe Farms, Michigan.

Titchener, John B., A.B.; Ph.D. Univ. of Ill., 1923; 1726 Summit St., Columbus, Ohio.

True, Walter F., A.B.;prin.; H. S., Randolph, Vermont.

Williams, Cecil R., A.B., Deceased.

A.M.

Allen, Mildred, A.M.; Ph.D., 1922; A.B. Vassar Coll., 1916; assoc.

prof., physics; b: Mt. Holyoke Coll., South Hadley, Mass.; h: 88 Montview St., W. Roxbury, Mass.

Balch, Royal T., A.M.; Sc.B. Kalamazoo Coll., 1916; b: Bureau of Chem. and Soils, U. S. Dept. of Agric., Wash., D.C.; h: 928 26th St. South, Aurora Hills, Alexandria, Virginia.

Bird, Charles, A.M.; Ph.D., 1920; B.H. Springfield Y.M.C.A. Coll., 1916; assoc. prof., psych.; Univ. of Minn., Minneapolis, Minnesota.

Brierly, John E., A.M. z

Brooks, Elizabeth, A.M.; A.B. Moores Hill Coll., 1914; prin.; b: Ill. Sch. for Blind Children; h: 416 S. Prairie St., Jacksonville, Illinois.

Charbonneau, Genevieve A. J., A.M. (See Farwell, Mrs. Genevieve C.).

Chiu, Chung Yen, A.M.; Ph.D., 1920; A.B. Univ. of Calif., 1915; Nan-Kai Coll., Tientsin, China.

Clark, Elmer B., A.M., Died 1919.

Curtis, Roswell F., A.M. z

Dabbs, James M., A.M.; A.B. Univ. of S. C., 1916; prof., English; Coker Coll., Hartsville, S. C.; h: Route 1, Mayesville, S. C.

Day, Thomas E., A.M. x

Ellsworth, Frank H., A.M. z

Evans, Walter H., A.M. x

Farwell, Mrs. Genevieve C. (Charbonneau, Genevieve A. J.) A.M.; A.B. Univ. of N. H., 1916; social case worker; 13 Fulton St., Nashua, New Hampshire.

Fryer, H. Douglas, A.M.; Ph.D., 1923; B. H. Springfield Coll., 1914; N. Y. Univ., New York, N. Y.

Judson, Lewis V., A.M. z

Lehrer, Leib, A.M. z

Miller, Kelly, Jr., A.M.; Sc.B. Howard Univ., 1916; 2225 4th St. N.W., Washington, D. C.

Mitchell, Lily E., A.M.; A.B. Maryville Coll., 1916; director, division of child welfare; b: State Board of Charities and Public Welfare, Raleigh, N. C.; h: Cary, North Carolina.

Pierrel, Gren O., A.M.; Sc.B. Pa. Coll., 1913; Y. M. C. A. worker; b: 160 Broad St., Providence, R. I.; h: 123 Waterman St., Providence, Rhode Island.

Pond, Samuel E., A.M.; Ph.D., 1921; B. H. Springfield Coll., 1912; c/o M. B. L. Woods Hole, Mass.

Power, Francis W., A.M.; A.B. Holy Cross Coll., 1915; Sc.D. Fordham Univ., 1926; prof., analytical chem.; Fordham Univ., New York, N.Y.

Sage, David, A.M. z

Walsh, Henry C., A.M.; A.B. Holy Cross Coll., 1915; LL.B. Northeastern Univ., 1926; atty.; b: 340 Main St., Worcester, Mass.; h: 20 Abbott St., Worcester, Mass.

Weeks, Angelina L., A.M.; A.B. Mt. Holyoke Coll., 1894; Ph.D. Columbia Univ., 1928; teacher; b: Miss Hall's Sch., Pittsfield, Mass.; h: 40 Noblehurst Ave., Pittsfield, Massachusetts.

Whittey, Austin L., A.M. z

Wood, Ernest R., A.M.; A.B., and B.Ed., Ohio Univ., 1916; Ph.D. Univ. of Chicago, 1933; assoc. prof.; b: N. Y. Univ., New York, N. Y.; h: 167 Watchung Ave., Montclair, New Jersey.

Yokogawa, Yosohachi, A.M.; Teacher's cert. granted by Ed. Dept. of Japanese Govt.; librarian and lecturer; Kobe Coll., Nishinomiya, Japan.

Zigler, Michael J., A.M.; A.B. Bridgewater Coll., 1916; Ph.D. Cornell Univ., 1920; prof., psych.; b: Wellesley Coll., Wellesley, Mass.; h: 4 Birch Rd., Wellesley, Massachusetts.

Ph.D.

Bellamy, Raymond F., Ph.D. z

Benda, Theodore, Ph.D., Died 1922.

Boghosian, Hagop B., Ph.D.; A.B. Apostolic Coll. (Turkey), 1911; A.M. Columbia Univ., 1915; fellow of Royal Geographical Society, London; 16250 Lake Ave., Pasadena, California.

Bowman, Ethel, Ph.D.; A.B., 1900 and A.M., 1907, Wellesley Coll.; prof. psych.; b: Goucher Coll., Baltimore, Md.; h: Cohasset, Mass.

Darby, Edward H., Ph.D., Died 1927.

Dexter, Wilbur B., Ph.D. z

Douglass, Aubrey A., Ph.D. z

Jacobs, Edwin E., Ph.D.; Ph.B. Wooster Univ., 1901; Sc.M. Mt. Union Coll., 1904; pres. emeritus, Ashland College, Ashland, Ohio.

Knight, Melvin M., Ph.D., Deceased.

Reymert, Martin L., Ph.D.; grad Army Officers' Sch., 1904; grad State N. S., 1905; Examen Philosophicum, Univ. of Oslo., 1906; director; The Mooseheart Lab. for Child Research, Mooseheart, Ill.

St. John, Ancel., Ph.D.; Ph.B. Univ. of Rochester, 1906; consulting engineer; b: 3020 Thomson Ave., Long Island City, N. Y.; h: 159 Cleveland St., Orange, New Jersey.

Slade, William F., Ph.D.; B.D. Bangor Theol. Semin., 1913; A.B. Bates Coll., 1913; A.M. Harv. Univ., 1914; pastor; 3978 Drexel Boulevard, Chicago, Illinois.

Teachout, Robert B., Ph.D.; A.B. and A.M. Dartmouth Coll., 1914; chairman, Rating Schedule Board; b: U.S. Veteran's Bureau, Wash. D.C.; h: 3605 R. St. N.W., Washington, D. C.

Thompson, Louis T. E., Ph.D. z

Williams, Curtis T., Ph.D. z
Zeldin, Samuel D., Ph.D.; grad Real Gymnasium (Russia), 1913; M. I. T., Cambridge, Mass.

CLASS OF 1918
A.B.

Bassett, John J., A.B. x
Brierly, Ralph C., A.B.; Lt. Comdr. and chief engineer, U.S.N.; b: U.S. Naval Boiler Lab., Phila., Pa.; h: 210 Essex Ave., Narberth, Pennsylvania.
Brooks, Bernard F., A.B.; B.Th. Gordon Sch. of Theol. and Missions 1920; teacher; b: H.S. of Commerce, Worcester, Mass.; h: 33 Carlisle St., Worcester, Mass.
Burke, Winthrop M., A.B.; A.M., 1920; chemist; b: Standard Oil Co., Richmond, Calif.; h: 3633 Garvin Ave., Richmond, Calif.
Callis, Conrad C., A.B.; A.M., 1920; Ph.D., 1922 ; research chemist; h: P. O. Box 322, Oakmont, Allegheny County, Pennsylvania.
Civen, Nathan, A.B.; optometrist; 788 Blue Hill Ave., Dorchester, Massachusetts.
Clee, F. Raymond, A.B.; B.D. Union Theol. Semin., 1922; D.D. Rutgers Univ., 1932; minister; Old Bergen Church, 797 Bergen Ave., Jersey City, New Jersey.
Cook, Leon W., A.B.; chemist; b: The Texas Co., Beacon, N. Y.; h: 24 Park Ave., Beacon, N. Y.
Ericson, Folke E., A.B.; 6623 Greene St., Philadelphia, Pa.
Feinsilver, Joseph E., A.B.; certified public accountant; b: 11 Beacon St., Boston, Mass.; h: 46 Gardner Rd., Brookline, Mass.
Fenn, Edward B., A.B., Deceased.
Flagg, A. Glennon, A.B.; M.D. Cornell Univ., 1923; physician and surgeon; 440 W. 34th St., New York, New York.
Gifford, Frederic O., A.B.; Ed.M. Harv. Univ., 1929; teacher; b: English H. S., Boston, Mass.; h: 30 Thayer Rd., Belmont, Mass.
Harriman, Edward N., A.B.; sec.; b: United Mutual Fire Ins. Co.; 175 Berkeley St., Boston, Mass.; h: 4 Parkvale Rd., Needham, Mass.
Hillman, Samuel I., A.B.; 34 Chestnut St., Worcester, Mass.
Jasem, Saul I., A.B.; Sc.B., 1923 and D.D.S.,1925, Columbia, Univ., dentist; b: 200 East 116 St., New York, N. Y.; h: 224 Long Beach Blvd., Long Beach, New York.
Kuniholm, C. Harry, A.B.; 25 Westford St., Gardner, Massachusetts.
Levensohn, Hyman J., A.B. x
Mattfield, Henry W., A.B.; teacher; Va. Episcopal Sch., Lynchburg, Virginia.
Mellor, Earl G., A.B.; A.M., 1926 and Ph.D., 1930 Harv. Univ.; assoc. prof., romance philology; b: Univ. of Va., Charlottesville, Va.; h: Fendall Ter., Box 1195; Univ. Station, Charlottesville, Virginia.
Mitchell, Archibald W., A.B.; LL.B. Harv. Univ., 1923; atty.; b: 390 Main St., Worcester, Mass.; h: 314 June St., Worcester, Mass.
Parks, G. Hapgood, A.B.; Ed.M. Harv. Univ., 1932; teacher, science; b: Weaver H. S., Hartford, Conn.; h: 141 Branford St., Hartford, Connecticut.
Seder, Maxwell B., A.B.; merchant; b: 11th and Market Sts., Phila., Pa.; h: 22nd and Walnut Sts., Philadelphia, Pennsylvania.
Segal, Harry, A.B.; 9 Fox St., Worcester, Massachusetts.
Shea, Gerald F., A.B. x
Thompson, Russell S., A.B.; metallurgist; b: Washburn Wire Co., New York, N. Y.; h: 33-22 73rd St., Jackson Heights, L. I., N. Y.

A.M.

Blanchard, Phyllis M., A.M. (See Lucasse, Mrs. Walter W.).
Brennan, Fred J., A.M. z
Bullard, Ralph H., A.M. z
Dixon, Mrs. George E. (Murray, Mabel T.) A.M.; B.Ed. Univ. of Me., 1917; Hollis St., Holliston, Massachusetts.
Hickman, Clarence N., A.M.; Ph.D. 1922; A.B. Winona Coll., 1914; research physicist; b: Bell Tel. Lab., 463 West St., New York, N. Y.; h: 3536 79th St., Jackson Heights, L. I., New York.
Hill, Thomas B., A.M.; B.H. Springfield Y. M. C. A., 1917; A.M. Adelaide Univ., So. Australia; Government Sch., Seaforth Boys' Home, Gosnell, W. Australia.
Hugh, Yu Tinn, A.M.; Ph.D. 1920 x
Johnston, Earl N., A.M.; Ph.B. W. Lafayette Coll., 1909; instr., b: Williston Academy, Easthampton, Mass.; h: 18 Main St., Easthampton, Massachusetts.
Jones, Carl E., A.M. z
Kawamura, Tomehachi, A.M., Deceased.
Lucasse, Mrs. Walter W. (Blanchard, Phyllis M.) A.M.; Ph.D., 1919; A.B. N. H. State Univ., 1917; psychologist, Phila. Child Guidance Clinic; instr., Pa. Sch. of Social Work, 1711 Fitzwater St. Phila., Pa.; h: 247 So. 38th St., Philadelphia, Pennsylvania.
Murphy, Blanche L., A.M.; B.Ped. Univ. of Me., 1917; teacher, H. S.; 93 Fessenden St., Portland, Me.
Murray, Mable T., A.M. (See Dixon, Mrs. George E.)

O'Neill, Anne W., A.M.; 2950 Avalon Ave., Berkeley, California.

Reed, Ellery F., A.M.; Sc.B. Lenox Coll., 1914; Ph.D. Univ. of Wisc., 1922; director of research; b: The Cincinnati Community Chest, 312 W. 9th St., Cincinnati, Ohio; h: 123 Burns Ave., Wyoming, Ohio.

Schieber, Clara E., A.M.; Ph.D. 1920; Sc.B. Ohio Univ., 1916; prof., hist.; b: H. S., Bucyrus, Ohio; h: 406 E. Renssalaer St., Bucyrus, Ohio.

Sprowls, Jesse W., A.M.; Ph.D., 1919; Sc.B. Valparaiso Univ., 1910; B.Ed. Univ. of Pittsburgh, 1915; prof., psych.; Univ. of Md., College Park, Maryland.

Ph.D.

Finley, Austin P., Ph.D.; A.B., 1899 and A.M., 1905 Univ. of Ky.; B.D. Harv. Univ., 1908; North Kenova, Ohio.

Hancock, Thomas, Ph.D., Died 1929.

King, James, Ph.D. z

Kurihara, Shinichi, Ph.D. z x

McDougle, Ivan E., Ph.D. z

Peters, Mrs. Frederick (Iva L.) Ph.D.; A.B. Syracuse Univ., 1901; A.M. Columbia Univ., 1916; director, adult ed.; Fishkill, N. Y.

CLASS OF 1919

A.B.

Barsam, R. G., A.B. x

Brewster, Frank V. (Uhrig, Frank V.) A.B.; advertising; b: 210 N. 13th St., Phila., Pa.; h: 223 Dickinson Ave., Swarthmore, Pennsylvania.

Brodsky, Michael E., A.B.; M.D. Northwestern Univ., 1925; physician; b: 881 Lafayette St., Bridgeport, Conn.; h: 1075 Wood Ave., Bridgeport, Connecticut.

Bugdenovich, William, A.B.; b: Firestone Tire and Rubber Co., Akron, Ohio; h: 105 Fir Hill, Akron, Ohio.

Doolittle, Clyde B., A.B.; prin.; b: Lincoln St. Sch., Worcester, Mass.; h: 48 Havelock Rd., Worcester, Massachusetts.

Ekdahl, Adolph G., A.B.; A.M., 1920; D.M.D. Tufts Coll., 1912; Ph.D. Ohio State Univ., 1925; b: Univ. of N. H., Durham, N. H.; h: Mill Rd., Durham, New Hampshire.

Ericson, Emil, A.B.; A.M., 1922; prin.; b: Adams Sq. Sch., Worcester, Mass.; h: 21 Wetherel St., Auburn, Massachusetts.

Grether, J. Richard, A.B.; mngr., real estate and trust depts.; b: The Barnett National Bank, Jacksonville, Fla.; h: 145 East Third Street, Jacksonville, Florida.

Harper, Russell D., A.B. x

Hsu, Chang-Hsu, A.B. x

Hunt, Horace A., A.B.; b: The Burdick Corp., 664 No. Michigan Ave., Chicago, Ill.; h: 609 North La Salle St., Chicago, Illinois.

Lange, Herbert F., A.B.; asst. to pres.; b: Michigan Bell Telephone Co., Detroit, Mich.; h: 14049 Mansfield St., Detroit, Mich.

Langford, Cooper H., A.B.; Ph.D. Harv. Univ., 1924; prof., philosophy; b: Univ. of Mich., Ann Arbor, Mich.; h: 418 East Kingsley, Ann Arbor, Michigan.

Li, Chi, A.B.; A.M., 1920. x

Lindsey, Rupert W., A.B. x

Meleski, Harry J., A.B.; LL.B. Boston Univ., 1922; atty.; b: 390 Main St., Worcester, Mass.; h: 130 Endicott St., Worcester, Massachusetts.

Nelson, Arthur J., A.B.; A.M., 1922; teacher, hist.; b: South H. S., Worcester, Mass.; h: 764 Pleasant St., Worcester, Massachusetts.

Ringquist, Oscar E., A.B.; vice-pres., United Mutual Fire Ins. Co.; b: 175 Berkeley St., Boston, Mass.; h: 128 Bradford St., Needham, Massachusetts.

St. John, Abraham G., A.B.; teacher, head of French dept.; b: H. S., Leicester, Mass.; h: 7 Isabella St., Worcester, Massachusetts.

Shalloo, James D., A.B.; atty.; 124 Flint St., Ashville, N. C.

Shrager, Arthur M., A.B.; B.Ed., 1927. x

Sullivan, John W., A.B. x

Tatham, Lewis C., A.B.; prin.; Erskine Acad., South China, Me

Towle, Laurence C., A.B.; 44 Clinton St., White Plains, N. Y.

Tung, Shih, A.B. x

Uhrig, Frank V., A.B. (See Brewster, Frank V.).

A.M.

Batchelor, Wilbur C., A.M.; B.P.E., 1913 and M.P.E., 1930 Springfield Y. M. C. A. Coll.; Ed.M. Pittsburgh, 1936; 198 Acton Rd., Columbus, Ohio.

Bullard, Ida L., A.M. (See Pearson Mrs. Charles W.)

Pearson, Mrs. Charles W. (Bullard, Ida L.) A.M.; A.B. Mt. Holyoke Coll., 1918; 91 Loraine St., Bridgeport, Connecticut.

Pieters, Maurice J., A.M.; grad École Normale de Bruxelles, 1912; Honorary Consul General of China; 46 Chaussee de Charleroi, Brussels, Belgium.

Smith, Laura G., A.M.; B.Litt. Boston Univ., 1910; teacher, English, Commerce H. S., Worcester, Mass.; Clinician in Neurological

Speech Clinic, Worcester City Hospital, Worcester, Mass.; h: 52 Richmond Ave., Worcester, Mass.

Ph.D.

Blanchard, Phyllis M., Ph.D. (See Lucasse, Mrs. Walter W.) z
Downey, Mary, Ph.D. (See Rebboli, Mrs. Mary D.)
Ling, Ping, Ph.D.; A.B. Leland Stanford Univ., 1916; A.M. Columbia Univ., 1917; Envoy Extraordinary and Minister Plenipotentiary of the Republic of China to Cuba; Chinese Legation, Havana, Cuba.
Lucasse, Mrs. Walter W. (Blanchard, Phyllis M.) Ph.D. z
Rebboli, Mrs. Mary D. (Downey, Mary) Ph.D.; A.B., 1903 and A.M., 1908, Wellesley Coll.; 10 Trowbridge Rd., Worcester, Mass.
Richmond, Winifred V., Ph.D. z
Sprowls, Jesse W., Ph.D. z
Uppvall, Axel J., Ph.D.; A.B. Colby Coll., 1905; A.M. Harv. Univ., 1907; prof., Scand. languages; b: Univ. of Pa., Phila., Pa.; h: 216 So. 43rd St., Phila., Pa.
Van Dusen, Albert P., Ph.D.; A.B. Univ. of Rochester, 1905; B.D. Rochester Theol. Semin., 1909; 317 Kensington Rd., Syracuse, New York.

CLASS OF 1920
A.B.

Anderson, Edmund G. E., A.B.; A.M., 1923; asst. prof., chem.; R. I. Coll. of Pharmacy, Providence, Rhode Island.
Ballard, Kenneth C., A.B.; A.M. Harv. Univ., 1927; teacher, H. S., Lawrence, Mass.; Chem. Service M. B. I., Woods Hole, Mass.
Barr, William J., A.B.; A.M., 1921; 1279 McLendon Ave., N.E., Atlanta, Georgia.
Baxter, William J., A.B.; c/o Chair Store Fund, 76 William St., New York, New York.
Bigelow, Karl W., A.B.; Litt.D., (honorary) 1938; Ph.D. Harv. Univ., 1929; director, Commission on Teacher Ed., American Council on Education; b: 744 Jackson Pl. N.W., Wash., D.C.; h: 3752 Cumberland St. N.W., Wash., D.C.
Blair, John E., A.B.; Sc.M., 1921 and Ph.D., 1923 Brown Univ.; bacteriologist; b: Hosp. for Joint Diseases, New York, N. Y.; h: 26 Paulin Blvd., Leonia, N. J.
Brooks, Chester E., A.B. x
Browne, Gordon W., A.B.; A.M., 1921; stoker engineer and sales mngr.; b: Rm. 326, 390 Main St., Worcester, Mass.; h: 1085 Main St., Leicester, Massachusetts.
Chang, Tao Hung, A.B. x
Chilk, Joseph A.B. x
Closson, Earle R., A.B.; A.M. Lafayette Coll., 1928; headmaster; b: Admiral Farragut Acad., Pine Beach, N. J.; h: Beachwood, N. J.
Cottle, William E., A.B.; Ed.M. Harv. Univ., 1928; supt. of schools; b: School Dept., Rockport, Mass.; h: 45 High St., Rockport, Massachusetts.
Fogarty, John J., Jr., A.B.; bookkeeper; b: 18 E. Worcester St., Worcester, Mass.; h: 43 Birch St., Worcester, Massachusetts.
Foley, Raymond D., A.B.; 96 North Ave., Natick, Massachusetts.
Goodnow, Donald W., A.B.; instr., science dept.; b: H. S., Auburn, Mass.; h: 68 Rockland Rd., Auburn, Massachusetts.
Greenall, Walter G., Jr., A.B.; teacher; Brewster Free Academy, Wolfeboro, New Hampshire.
Greenberg, Abraham, A.B.; LL.B. Columbia Univ.; 33 Richmond Ave., Worcester, Massachusetts.
Hodge, Benjamin E., A.B.; M.D. Johns Hopkins Univ., 1924; physician; 428 West Pike St., Clarksburg, West Virginia.
Kalijarvi, Thorsten W. V., A.B.; A.M., 1923; LL.B. La Salle Univ., 1925; prof., political science; Faculty Row, Durham, N. H.
Kalin, Jacob I., A.B.; M.D. Harv. Univ., 1924; 166 Branford St., Hartford, Connecticut.
Kendall, Raymond O., A.B.; A.M. N. H. Univ., 1930; b: Wilson H. S., Middletown, Conn.; h: 296 Russell St., Middletown, Conn.
Kirkpatrick, Clifford, A.B.; A.M., 1922; Ph.D. Univ. of Pa., 1925; prof., sociology; b: Univ. of Minn., Minneapolis, Minn.; h: 3107 12th Ave., S., Minneapolis, Minnesota.
Mathews, Mathew J., A.B.; sales exec.; b: Woodbury & Co., Inc., Worcester, Mass.; h: 9 Kimball St., Worcester, Massachusetts.
Michal, Aristotle D. (Michalopulas, Aristotle D.) A.B.; A.M., 1921; Ph.D. Rice Inst., 1924; prof., math.; b: Calif. Inst. of Tech., Pasadena, Calif.; h: 2002 Oakdal St., Pasadena, California.
Michalopulas, Aristotle D., A.B. (See Michal, Aristotle D.)
Misakian, Haig, A.B. (See Silvanie, Haig).
Muir, George W., A.B., Died 1921.
Pomeroy, Howard E., A.B.; B.D. Hartford Theological Sem., 1923; S.T.M. Newton Theological Sem., 1930; clergyman; b: Boylston Congregational Church, Jamaica Plain, Boston, Mass.; h: 47 Halifax St., Jamaica Plain, Mass.

Roope, Percy M., A.B.; A.M., 1924; Ph.D., 1927; assoc. prof., physics; b: Clark Univ., Worcester, Mass.; h: 2 Lovell Dr., Worcester, Massachusetts.

Schoonmaker, George B., A.B.; LL.B. Harv. Univ., 1925; asst. U. S. atty.; b: U.S. Court House, New York, N. Y.; h: 456 Riverside Dr., New York, N. Y.

Silvanie, Haig (Misakian, Haig) A.B.; A.M., 1921 and Ph.D., 1939, Columbia Univ.; instr.; 2500 Webb Ave., Bronx, New York.

Simmerer, H. Eugene, A.B.; accountant; b: The Geo. C. Whitney Co., 67 Union St., Worcester, Mass.; h: 13 Gates St., Worcester, Mass.

Slate, Everett J., Jr., A.B.; 407 Marlborough St., Boston, Mass.

Snow, Arthur P., Jr., A.B.; master and asst. phys. director; b: Fay Sch., Southborough, Mass.; h: 6 Woodlawn Ave., Worcester, Massachusetts.

Stikarofsky, Albin, A.B. (See Stitt, Albin).

Stitt, Albin (Stikarofsky, Albin) A.B.; chemist; 777 Neponset St., Norwood, Massachusetts.

Taylor, Wilfred L., A.B. x

Uchiyama, Genichi, A.B.; A.M., 1921; prof.; b: State Coll., Himeji, Japan; h: Koto Gakko, Himeji, Japan.

Wahlstrom, Carl E., A.B.; LL.B. Boston Univ., 1923; atty.; b: Court House, Worcester, Mass.; h: 38 Beechmont St., Worcester, Massachusetts.

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A.M.

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Alston, John H., A.M. x

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Ashford, Moselle, A.M.; A.B. Fla. State Coll. for Women, 1919; teacher; b: S. T. C., Florence, Ala.; h: Watkinsville, Georgia.

Bates, Marjory, A.M. (See Pratt, Mrs. Carroll C.)

Burke, Winthrop M., A.M. z

Callis, Conrad C., A.M. z

Clonts, Addie, A.M. (See Arnold, Mrs. William A.)

Couyumdjopoulos, Eustave, A.M., (See Cuy, Eustace) Died 1925.

Crafts, Leland W., A.M.; Sc.B. N. H. Coll., 1915; Ph.D. Columbia Univ., 1927; Wash. Sq. Coll., N. Y. U., New York, New York.

Cuy, Eustace, A.M. (Couyumdjopoulos, Eustave) Died 1925.

Ekdahl, Adolph G., A.M. z

Frazier, E. Franklin, A.M.; A.B. Howard Univ., 1916; Ph.D. Univ. of Chicago, 1931; head, dept. of sociology; b: Howard Univ., Wash., D.C.; h: 220 Rhode Island Ave., N.W., Washington, D. C.

Hanson, Dorothy, A.M.; A.B. N. H. State Coll., 1919; teacher, H. S.; 31 Elm St., Westerly, R. I.

Hewitt, Roy R., A.M.; Ph.B. and LL.B. Willamette Univ., 1909; atty.; b: 180 N. Commercial St., Salem, Ore.; h: 630 N. Commercial St., Salem, Oregon.

Hurd, Charles B., A.M.; Ph.D., 1921; Sc.B., 1915 and Sc.M., 1917, Worc. Poly. Tech.; b: Union Coll., Schenectady, N. Y.; h: 1064 Union Pl., Schenectady, New York.

Kurtz, Herman F., A.M.; Ph.D., 1922; A.B. Kalamazoo Coll., 1918; Bessie Tift Coll., Forsyth, Georgia.

Li, Chi, A.M. z x

Lucasse, Walter W., A.M.; Ph.D., 1921; A.B., Kalamazoo Coll., 1917; assoc. prof., chem.; b: Univ. of Pa., Phila., Pa.; h: 247 S. 38th St., Phila., Pennsylvania.

Modder, Montagu F., A.M.; A.B. Royal Coll., 1912; B.H. Springfield Coll., 1916; Ph.D. Univ. of Mich., 1935; prof., English; b: Beloit Coll., Beloit, Wisc.; h: 924 Chapin St., Beloit, Wisconsin.

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Poole, Charles P., A.M. x

Pratt, Mrs. Carroll C. (Bates, Marjory) A.M.; Ph.D., 1922; A.B. Smith Coll., 1917; 7 Bartlett St., New Brunswick, New Jersey.

Pruette, Lorine L., A.M.; Sc.B. Univ. of Chattanooga, 1918; Ph.D. Columbia Univ., 1924; writer; b: 353 W. 57th St.,, New York, N. Y.; h: Winchester, New Hampshire.

Rice, Murray J., A.M.; Sc.B. Kalamazoo Coll., 1919; Ph.D. State Univ. Iowa, 1926; prof., ceramic chem.; b: N. Y. State Coll. of Ceramics, Alfred Univ., Alfred, N. Y.; h: 133 N. Main St., Alfred, N. Y.

Staley, Seward C., A.M.; B.P.E. Springfield Y. M. C. A., 1917; b: Univ. of Ill., Urbana, Ill; h: 407 Pennsylvania Ave., Urbana, Illinois.

Zinn, Earl F., A.M.; B.H. Springfield Y. M. C. A., 1916; Inst. of Human Relations, Yale Univ., New Haven, Connecticut.

Ph.D.

Benns, F. Lee, Ph.D.; A.B., 1914, A.M., 1916 and Litt. D., 1939 Syracuse Univ.; prof., hist.; b: Indiana Univ., Bloomington, Ind.; h: 320 North Jordan Ave., Bloomington, Indiana.

Bird, Charles, Ph.D. z

Brown, Thomas I., Ph.D. z

Chiu, Chung Yen, Ph.D. z

Field, John W., Ph.D. x

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Parker, Henry C., Ph.D. z

Scheiber, Clara E., Ph.D. z

Sumner, Francis C., Ph.D. z

White, Elizabeth B., Ph.D.; A.B. Cornell Univ., 1904; A.M. Univ. of Wisc., 1917; dean of women, prof., hist.; b: Ursinus Coll., Collegeville, Pa.; h: 203 9th Ave., Collegeville, Pennsylvania

CLASS OF 1921

A.B.

Battles, Stanley C., A.B.; Ed.M. Harv. Univ., 1937; head of math. dept.; b: H. S., Melrose, Mass.; h: 51 Maple Rd., Melrose, Mass.

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Crock, Israel Z., A.B.; A.M., 1922; plant engineer; b: Weston Electric Co., Boston, Massachusetts; h: 38 Fox Street, Worcester, Massachusetts.

Cummings, Randall F., A.B.; supt., schools; b: Wiscasset, Me.; h: North Edgecomb, Maine.

Davis, Walter N., A.B.; 596 Park Ave., Worcester, Mass.

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Fish, Abraham W., A.B.; M.B.A. Harv. Univ., 1923; divisional merchandise mngr.; b: Wm. Filene's Sons Co., Boston, Mass.; h: 3 Exmoor Rd., Newton Centre, Mass.

French, Albert H., A.B. x

Gesner, Kenneth C., A.B.; S.T.B. Harv. Univ., 1924; Unitarian clergyman; 3715 Cragmont Ave., Dallas, Texas.

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Leavitt, Ashley L., A.B. x

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Myers, Roscoe W., A.B.; M.D. Harv. Univ., 1925; ophthalmologist; b: 36 Pleasant St., Worcester, Mass.; h: 3 Old English Rd., Worcester, Massachusetts.

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Olin, Paul A., A.B.; teacher, Spanish; b: H. S. of Commerce, Worcester, Mass.; h: 18 Hillcroft Ave., Worcester, Mass.

Prue, Milton F., A.B.; A.M. Columbia Univ., 1930; head teacher; science dept.; b: Philip Schuyler Sr. H. S., Albany, N. Y.; h: 373 Wellington Rd., Delmar, New York.

Rodgers, Stanley E., Jr. A.B.; A.M., 1923; instr., chem. and physics; b: Blue Ridge Coll., New Windsor, Md.; h: Oak Bluffs, Mass.

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Ryer, William H., A.B.; A.M., 1922; H. S., Conway, New Hampshire.

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Shapiro, Harry I., A.B.; LL.B. Yale Univ., 1924; atty.; b: 1022 Slater Bldg., Worcester, Mass.; h: 35 Brantwood Rd., Worcester, Mass.

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Smith, David H., A.B.; teacher; Fay School, Southborough, Mass.

Smith, Harold M., A.B.; A.M., 1922; petroleum chemist; b: Bureau of Mines, Petroleum Experiment Station, Bartlesville, Okla.; h: 1356 Jennings Ave., Bartlesville, Okla.

Thomajan, Zareh G., A.B.; proprietor; b: 25 State St., Boston, Mass.; h: 1984 Commonwealth Ave., Brighton, Massachusetts.

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Toombs, Herbert R., A.B.; M.D. Tufts Coll., 1926; 80 Elm St., Westfield, Massachusetts.

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Wilder, Samuel A., A.B.; telegraph equipment; b: 36 Exchange Pl., Providence, R. I.; h: 111 High Service Ave., North Providence, Rhode Island.

Wood, Walter D., A.B.; A.M., 1922; H. S., Fairhaven, Massachusetts.

Wuorinen, John H., A.B.; A.M., 1922; Ph.D. Columbia Univ.; instr., hist.; b: 509 Fayerweather Hall, Columbia Univ., New York, N. Y.; h: 21 Claremont Ave., New York, N.Y.

A.M.

Barr, William J., A.M. z

Browne, Gordon W., A.M. z

Cooper, Robert U., A.M.; B.P.E. Int. Y. M. C. A., 1920; M.D. Univ. of Mich., 1925; physician; 2210 Nicholas Ave., S.E., Wash., D. C.

Leonard, Clinton S., A.M.; B.H. Springfield Coll., 1920; supervisor, Health and physical ed.; b: Scarsdale (N.Y.) Schools; h: 77 Ralph Ave., White Plains, New York.

Dunn, Gustus A., A.M.; B.D. So. Methodist Univ., 1927; clergyman; 823 W. 10th St., Dallas, Texas.

Farnsworth, Albert, A.M.; Ph.D., 1927; Ph.B. Brown Univ., 1910; teacher; b: Worcester S. T. C., Worcester, Mass.; h: 31 Chesterfield Rd., Worcester, Mass.

Heiser, Harold W., A.M.; Sc.B. Kalamazoo Coll., 1920; research chemist and chemical engineer; b: Aluminum Ore Corp., East St. Louis, Ill.; h: Box 93, East St. Louis, Illinois.

Himmer, William C., A.M., Deceased.

Keenleyside, Hugh L., A.M.; Ph.D., 1923; A.B. Univ. of B. C., 1920; first sec.; Canadian Legation, Tokyo, Japan.

Michal, Aristotle D., (Michalopulas, Aristotle D.) A.M. z

Michalopulas, Aristotle D., A.M. (See Michal, Aristotle D.).

Nelson, Ernest W., A.M. z

Perkins, Ernest R., A.M.; Ph.D., 1930; A.B. Wesleyan Univ., 1917; assoc. in historical research in State Dept., Wash., D.C.; 1628 21st St. N.W., Washington, D. C.

Ross, Burgess B., A.M.; A.M. Columbia Univ., 1929; teacher, hist.; b: Sr. H. S. New Rochelle, N. Y.; h: Calton Ct., New Rochelle, N. Y.

Ross, Mrs. Burgess B., (Snider, Hallie L.) A.M.; A.M. Columbia Univ., 1929; teacher, econ. and forestry; b: Sr. H. S., New Rochelle, N. Y.; h: Calton Ct., New Rochelle, New York.

Schub, Pincus, A.M.; grad Hebrew Teachers Coll. in Jerusalem; Ph.D. Dropsie Coll., 1928; teacher; b: Gratz Coll., Phila., Pa.; h: 1631 N. 32nd St., Philadelphia, Pennsylvania.

Schwenning, Gustav T., A.M.; Ph.D., 1925; B.H. Springfield Coll., 1920; prof., bus. admin., Univ. of N. C., Chapel Hill, N. C., and managing editor, The Southern Economic Journal; Box 368; Chapel Hill, North Carolina.

Snider, Hallie L., A.M. (See Ross, Mrs. Burgess B.).

Stowe, Allen B., A.M.; Ph.D., 1923; Sc.B. Kalamazoo Coll., 1920; prof., chem.; b: Kalamazoo Coll., Kalamazoo, Mich.; h: 132 Catherine St., Kalamazoo, Michigan.

Tanaka, Isawo, A.M.; A.B. Trinity Coll., 1920; 795 10th St., Oakland, California.

Uchiyama, Genichi, A.M. z

Wheeler, Albert H., A.M.; Sc.B. Worc. Poly. Tech., 1894; teacher, math.; North H. S., Worcester, Mass.; h: 84 Pleasant St., Worcester, Massachusetts.

Williams, Isadora C., A.M. x

Ph.D.

Hurd, Charles B., Ph.D. z

Lucasse, Walter W., Ph.D. z

Pond, Samuel E., Ph.D. z

Pratt, Carroll C., Ph.D. z

Yokoyama, Matsusaburo, Ph.D.; A.B. Colo. Coll., 1917; A.M. Harv. Univ., 1918; assoc. prof., psych.; b: Keio Univ., Tokyo, Japan; h: 596 Isogo, Yokohama, Japan.

Zeitfuchs, Edward, Ph.D.; Sc.B. Univ. of Calif., 1912; Sc.M., M. I. T., 1918; chemical engineer; b: Standard Oil Co. of Calif., Richmond Calif.; h: 2545 Cedar St., Berkeley, California.

CLASS OF 1922
A.B.

Alquist, Francis N., A.B.; 2416 Manor Dr., Midland, Michigan.

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Chaoush, Angelos G., A.B. x

Damon, Curtis, A.B.; division mngr.; b: Dennison Manufacturing Co., Framingham, Mass.; h: 39 Pond St., Framingham, Mass.

Davis, George T. (Tashamka, George) A.B.; A.M., 1922; Ph.D. Yale Univ., 1938; teacher and research assoc.; b: H. S., New Haven, Conn.; h: 383 Edgewood Ave., New Haven, Connecticut.

Egan, Thomas K., A.B. x

Everett, Kenneth C., A.B.; chemist and asst. supt.; b: Powdrell Alexander, Inc., Danielson, Conn.; h: 46 Reynolds St., Danielson, Conn.

Ford, John V., A.B.; A.M. 1923; prof. econ.; b: Norwich Univ., Northfield, Vermont; h: 11 Spring St., Northfield, Vermont.

Foster, Laurence S., A.B.; A.M. 1923; Ph.D. Brown Univ., 1926; asst. prof., chem.; b: Brown Univ., Providence, R. I.; h: 76 Grotto Ave., Providence, R. I.

Fraser, A. D. Ross, A.B.; sec. and director; b: Rome Cable Corp., Rome, N. Y.; h: 1405 N. Madison St., Rome, N. Y.

Hard, Ernest, A.B.; Bantam, Conn.

Howe, George F., A.B.; A.M., 1924; dean of men; b: Conn. S.T.C., New Britain, Conn.; h: 86 Park Drive, New Britain, Connecticut.

Humes, Warren M., A.B.; teacher; 19 Locust St., Manchester, Conn.

Ivok, Leo I., A.B.; prin.; b: Woodward Sch., N. Oxford, Mass.; h: 30 Glen St., Worcester, Mass.

Krikorian, Armen K., A.B.; LL.B. Yale Univ., 1929; b: 109 Church St., New Haven, Conn.; h: 328 Edgewood Ave., New Haven, Conn.

LaFleur, Albert, A.B.; A.M., 1923; Ph.D., 1929; 80 Howe St., New Haven, Connecticut.

Landry, Philip R., A.B.; A.M., 1922; M.B.A. Harv. Univ., 1924; 43 Carver Rd., Watertown, Mass.

Levine, Edward H., A.B.; LL.B. Yale Univ., 1925; asst. dist. atty.; Kings County, N. Y.; b: Municipal Building, Brooklyn, N. Y.; h: 1216 E. 12th St., Brooklyn, N. Y.

Loomis, Theodore R., A.B.; agent; b: Conn. Mutual Life Ins. Co., Hartford, Conn.; h: 126 Tremont St., Hartford, Connecticut.

Metcalf, Charles A., A.B.; D.O., Mass. Coll. of Osteopathy, 1926; osteopathic physician; b: 27 State St., Bangor, Me.; h: 136 Parkview Ave., Bangor, Maine.

Millman, Max, A.B.; M.B., 1925 and M.D., 1926, Boston Univ.; physician; b: 115 State St., Springfield, Mass.; h: 14 Maple Street, Springfield, Massachusetts.

Moran, John A., A.B., Died 1930.

Nadler, Aaron, A.B.; c/o Union Labor Life Ins. Co., 1440 Broadway, New York, New York.

Parkes, Alanson W., A.B.; A.M. Lafayette Univ., 1926; A.M. Harv. Univ., 1928; radio engineer; b: Aircraft Radio Corp., Boonton, N. J.; h: 47 Cobb St., Mountain Lakes, New Jersey.

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Pratt, Stewart M., A.B.; asst. district sales mngr.; b: Brooklyn Edison Co., Inc., 21 Dayden Ave., Brooklyn, N. Y.; h: 68 Columbia Heights, Brooklyn, New York.

Rabinov, Isaac (Rabinovitz, Isaac) A.B. x

Rabinovitz, Isaac A.B., (See Rabinov, Isaac) x

Riani, Alfred J., A.B.; teacher; b: H. S. Marlboro, Mass.; h: 51 Francis St., Marlboro, Mass.

Rouse, Charles E., A.B.; Senior Master, English and Director, Music; b: Williston Academy, Easthampton, Mass.; h: 212 Main St., Easthampton, Massachusetts.

Rowland, Robert J., A.B.; Ed.M. Boston Univ., 1931; teacher, sciences; b: H. S., Hartford, Conn.; h: 36 Ridgebrook Dr., West Hartford, Connecticut.

Schultheiss, Robert C., A.B. x

Small, Sherwood H., A.B.; c/o F. H. Reynolds, 27th St., Whitestone, L. I., New York.

Sommerman, Henry H., A.B.; Ed.M. Boston Univ., 1934; prin.; b: H. S., Warren, Mass.; h: 29 Maple St., Warren, Massachusetts.

Stonequist, Everett V., A.B.; Ph. D. Univ. of Chicago, 1930; prof., sociology; b: Skidmore Coll., Saratoga Springs, N. Y.; h: 20 Clark St., Saratoga Springs, N. Y.

Sturtevant, Ralph E., A.B.; proofreader; b: Greenfield Recorder-Gazette, Greenfield, Mass.; h: 233 High St., Greenfield, Mass.

Tashamka, George, A.B. (See Davis, George T.).

Thayer, Dwight H., A.B.; b: General Cable Corp., 420 Lexington Ave., New York, N. Y.; h: 10 Orchard Dr., White Plains, New York.

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Warmbier, Edward J., A.B. x

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Williams, Carl A., A.B. x

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A.M.

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Boylan, George E., A.M. z

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Kunin, Joseph, A.M. z
Landry, Paul E., A.M. z
Landry, Philip R., A.M. z
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Marvel, Louise, A.M. (See Howe, Mrs. George F.).
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Nelson, Arthur J., A.M. z
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Peardon, Thomas P., A.M.; A.B. Univ. of B. C., 1921; Ph.D. Columbia Univ., 1933; teacher, hist.; Barnard Coll., Columbia Univ., New York, New York.
Phinney, William L., Jr., A.M.; Sc. B. Dartmouth Coll., 1920; asst. prof., math.; b: Worc. Poly. Tech., Worcester, Mass.; h: 23 Columbus St., Worcester, Mass.
Porter, C. Scott, A.M.; A.B. Amherst Coll., 1919; dean; b: Amherst Coll., Amherst, Mass.; h: 29 Hitchcock Rd., Amherst, Mass.
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Ryer, William H., A.M. z
Saunders, Margaret J., A.M. x
Scharf, Ann E., A.M.; A.B. Mills Coll., 1931; M.S.S.W. Univ. of Southern Calif., 1939; social case worker; b: Children's Protective Assoc., Los Angeles, Calif.; h: 11055 Linden Ave., Long Beach, California.
Shannon, Luke E., A.M. z
Smith, Harold M., A.M. z
Smith, Mary A., A.M.; A.B. Smith Coll., 1917; teacher, hist., Latin; 142 Burncoat St., Worcester, Massachusetts.
Tashamka, George, A.M. z (See Davis, George T.)
Tinker, Miles A., A.M. z
Towne, Charles C., A.M. z
Wood, Walter D., A.M. z
Wuorinen, John H., A.M. z

Ph.D.

Allen, Mildred, Ph.D. z
Bates, Marjorie, Ph.D. (See Pratt, Mrs. Carroll C.).
Callis, Conrad C., Ph.D. z
Clune, Mary C., Ph.D.; Sc.B. Columbia Univ., 1912; A.M. Smith Coll., 1917; head, hist. dept.; b: Technical H. S., Springfield, Mass.; h: 282 Union Street, Springfield, Massachusetts.
Coe, George A., Ph.D. z
Cutler, Frederick M., Ph.D.; A.B. Columbia Univ., 1895; B.D. Union Theol. Sem., 1898; asst. prof., hist., sociology; b: Mass. State Coll., Amherst, Mass.; h: 43 Butterfield Ter., Amherst, Mass.
Halverson, Henry M., Ph.D.; Ph.B. Univ. of Wisc., 1916; A.M. Univ. of Iowa, 1919; research assoc.; b: 333 Cedar St., New Haven, Conn.; h: 131 Thornton St., Hamden, Connecticut.
Hickman, Clarence N., Ph.D. z
Kurtz, Herman F., Ph.D. z
Pratt, Mrs. Carroll C., (Bates, Marjorie) Ph.D. z

CLASS OF 1923
A.B.

Armitage, Harold B., A.B., 40 E. 10th St., New York, New York.
Babcock, Royal R., A.B.; R.F.D. #6, Norwich, Connecticut.
Bliss, Lawrence E., A.B.; Ed.M. Boston Univ., 1931; head, English dept.; b: H. S., Cranston, R. I.; h: 12 Glenwood Ave., Cranston, Rhode Island.
Brind, Abraham, A.B. x
Buxton, Kenneth S., A.B.; A.M., 1924; Ph.D. McGill Univ., 1930; teacher; Washington Coll., Chestertown, Maryland.
Clark, Wendell J., A.B.; S.T.B. Boston Univ., 1926; minister; 105 Royle St., Bellemore, L.I., N. Y.
Ferguson, Arthur W., A.B.; Ed.M., Harv. Univ., 1934; senior master and instr.; Lawrence Academy, Groton, Massachusetts.
Finkelstein, Herman, A.B.; LL.B. Yale Univ., 1927; atty.; b: 1450 Broadway, New York, N. Y.; h: 151 W. 86th St., New York, N. Y.

Foley, Gardner P. H., A.B.; A.M. 1926; instr., English; b: Univ. of Md., Baltimore, Md.; h: 6114 Maywood Ave., Baltimore, Md.
Fowler, Frank H., A.B.; c/o C. I. M. A., 251 Faubourg, St. Martin, Paris, France.
Fox, Winton E., A.B.; teacher; 7 Brandon Rd., Worcester, Mass.
Franz, Albin E., A.B.; supt. buildings; Mt. Hermon Sch., Mount Hermon, Massachusetts.
Goldberg, Joseph, A.B.; LL.B. Boston Univ., 1927; atty.; b: 401 Slater Bldg., Worcester, Mass.; h: 654 Main St.,Worcester, Massachusetts.
Golden, Sherman E., A.B.; M.D. Harv. Med. Sch., 1927; physician; 38 Ocean St., Beverly, Mass.
Grattan, Clinton H., A.B. x
Groop, Waldemar H.,A.B., Died 1933.
Gunter, William, A.B.; clergyman; 125 Ash St., Waltham, Mass.
Heffernan, Daniel J., A.B.; B.Ed. Conn. S.T.C., 1936; head, science dept.; b: H. S., Derby, Conn.; h: 11 Talmadge St., Derby, Conn.
Higgins, Donald E., A.B.; A.M., 1924; M.D. Harv. Univ., 1930; physician and surgeon; Main St., Cotuit, Massachusetts.
Higgins, Roger W., A.B.; A.M. Harv. Univ., 1931; inst., English and public speaking; b: Phillips Academy, Andover, Mass.; h: Rockwell House, Andover, Mass.
Holmes, Richard M., A.B.; division head; b: Retail Credit Co., Atlanta, Georgia; h: 3982 N. Ivy Rd., N.W., Atlanta, Georgia.
Howard, Palmer P., A.B.; A.M., 1927; director, social studies; b: Sr. H. S., New Britain, Conn.; h: 65 Buell St., New Britain, Conn.
Jacobson, Frank J., A.B.; M.D. Jefferson Medical Coll., 1928; physician; b: 131 Waterman St., Providence, R.I., h: 256 Niagara St., Providence, R. I.
Keefe, William T., A.B. x
Knowlton, Edwin E.,A.B.; Mansfield, Connecticut.
Levenson, Benjamin, A.B.; 106 Salem St., Worcester, Massachusetts.
Long, Edward J., A.B.; teacher, H. S.; b: 120 West 46th St., New York, N. Y., h: 126 West 98th St., New York, N. Y.
Lyon, Leroy A., A.B.; clergyman; 70 Freeman Ter., Springfield, Massachusetts.
Mansur, Eric W.,A.B.; head, science dept.; b: H. S., Melrose, Mass.; h: 115 Rowe St., Melrose, Mass.
Nadler, Jacob E., A.B.; A.M. Johns Hopkins Univ., 1925; M.D. Univ. of Pa., 1930; M.D.Sc. N. Y. Univ., 1938; physician, teacher; b: 3725 81st St., Jackson Hts., L.I., N.Y.
Neal, Arthur M., A.B.; A.M., 1924; Ph.D. Brown Univ., 1927; research chemist; b: E. I. DuPont de Nemours & Co., Wilmington, Del.; h: 433 Geddes St., Wilmington, Delaware.
Nichols, Corydon R., A.B., Died 1933.
O'Brien, John F., A.B.; A.M., Univ., of Ia., 1924; LL.B. Harv. Univ., 1927; asst. counsel; Legislative Counsel, House of Representatives, Wash., D. C.
Perman, Samuel, A.B.; LL.B. Harv. Univ., 1926; atty.; 15 Windsor St., Worcester, Massachusetts.
Smith, Sheldon B., A.B.; LL.B. Yale Univ., 1926; atty., judge; b: City Court of Norwalk, 57 Wall St., Norwalk, Conn.; h: 6 Newtown Terrace, Norwalk, Connecticut.
Taylor, Hiram S., A.B.; instr., science and math.; b: H. S., Portland, Conn.; h: 20 Church St., Portland, Connecticut.
Thomajan, Puzant K., A.B. x
Towne, Stanwood B. E., A.B.; A.M., 1924; instr., chem.; 47 Atwater St., Bridgeport, Connecticut.
White, Lester P., A.B.; A.M., 1924; B.D. Yale Univ., 1929; minister, Methodist Church; Cutchogue, Long Island, New York.
Zweigbaum, Abraham, A.B.; 39 Church St., New Haven, Connecticut.

A.M.

Anderson, Edmund G. E., A.M. z
Armitage, Frank G., A.M.; Ph.D. 1927; B.H. Springfield, Coll., 1916; F.R.G.S., F.R.C.I., M.C.; entertainer and lecturer, Dickensian lit.; 614 Federal St., Camden, New Jersey.
Burroughs, Mrs. Robert I. (Crumley, Martha M.) A.M. x
Cockroft, Grace A., A.M.; Ph.B. Brown Univ.,1914; Skidmore Coll., Saratoga Springs, New York.
Crumley, Martha M., A.M. (See Burroughs, Mrs. Robert I.) x
Eastwood, Floyd R., A.M.; B.P.E. Springfield Coll., 1922; Ph.D. N. Y. Univ., 1936; assoc. prof. in charge of teacher training and health; Purdue Univ., R.R. 10, Housing Research Campus, West Lafayette, Indiana.
Fahl, Rudolph, A.M.; B.P.E. Springfield Coll.,1921; director, phys. ed.; b: Morey Jr. H. S., Denver, Colo.; h: 338 So. Williams St., Denver, Colorado.
Foley, Harriet A., A.M.; B.Ed. Worcester S.T.C., 1923; teacher, H. S., 26 Perkins St., Worcester, Massachusetts.
Ford, John V., A.M. z

Forney, John D., A.M.; Sc.B. Kalamazoo Coll., 1922; 13 Hedges Ave., Chatham, New Jersey.
Foster, Lawrence S., A.M. z
Guyton, Homer W., A.M.; A.B. Johns Hopkins Univ., 1922; prin.; H. S., Boonsboro, Maryland.
Harada, Taichi, A.M. x
Horton, Clifford E., A.M.; B.P.E. Springfield Y.M.C.A., 1919; director, phys. ed.; b: Ill. State Normal Univ., Normal, Ill.; h: 606 Normal Ave., Normal, Ill.
Husbands, LeRoy C., A.M.; B.P.E. Springfield Coll., 1922; advertising representative; b: Crowell Publishing Co., 333 N. Michigan St., Chicago, Ill.; h: Pearson Hotel, Pearson St., Chicago, Ill.
Imlah, James H., A.M.; A.B. Univ. of B.C.; 1922; Ph.D. Harv. Univ., 1931; prof., hist.; b: Tufts Coll., Tufts Coll., Mass.; h: 14 Sawyer Ave., Tufts Coll., Mass.
Jackson, Eric P., A.M., Died 1930.
Johnson, Warren C., A.M.; Sc.B. Kalamazoo Coll., 1922; Ph.D. Brown Univ., 1925; assoc. prof., chem.; b: Univ. of Chicago, Chicago, Ill.; h: 5715 Drexel Ave., Chicago, Illinois.
Kalijarvi, Thorsten, W. V., A.M. z
LaFleur, Albert, A.M. z
Loughrey, James H., A.M. x
Machlan, Louis O., A.M. x
Melican, James P., A.M.; A.B. Holy Cross Coll., 1920; Fordham Prep Sch., New York, New York.
Mitchell, Ralph W., A.M.; A.B. Union Christian Coll., 1921; Merom, Indiana.
Mullette; Charles F., A.M.; A.B. Syracuse Univ., 1922; Ph.D. Columbia Univ., 1933; prof., hist.; b: Univ. of Mo., Columbia, Mo.; h: 103 W. Parkway Dr., Columbia, Missouri.
O'Leary, Ellen J., A.M.; b: Normal School Dept. Ethical Culture School, N. Y. C., h: 7 West 65th St., New York, N. Y.; permanent h: 57 Channing St., Worcester, Massachusetts.
Osborne, W. Terry, A.M.; B.P.E. Springfield Coll., 1922; Ph.D. N. Y. Univ., 1939; prof., phys. ed.; Arcadia Univ., Wolfville, N. S., Canada.
Partridge, Allan B., A.M. z
Piper, Lewis H., A.M.; A.B. Wesleyan Univ., 1922; instr., hist.; b: H. S., Manchester, Conn.; h: R.F.D., Broad Brook, Conn.
Pucillo, John, A.M.; B.P.E. Springfield Coll., 1922; 16 6th Ave., Newark, New Jersey.
Ratigan, John E., A.M.; A.B. Holy Cross Coll., 1919; LL.B. Northeastern Univ., 1928; prin.; b: Cambridge St. Sch., Worcester, Mass.; h: 10 Lucian St., Worcester, Massachusetts.
Rice, George E., A.M.; A.B. Kingfisher Coll., 1921; prof., math., physics; Tougaloo Coll., Tougaloo, Mississippi.
Rodgers, Stanley E., Jr., A.M. z
Russell, Joseph F., A.M.; A.B. Brown Univ., 1902; field sec. R. I. B. S. C.; 171 Atlantic Ave., Lakewood, Rhode Island.
Schmucker, John P., A.M.; A.B. Univ. of Dallas, 1920; Roman Catholic priest; St. Louis Preparatory Seminary, 7300 Weil Ave., St. Louis, Missouri.
Seward, Ralph P., A.M.; Sc.B. Kalamazoo Coll., 1922; Ph.D. Brown Univ., 1925; asst. prof., chem; b: Pa. State Coll., State College, Pa.; h: 409 S. Atherton St., State College, Pennsylvania.
Shank, Marjorie M., A.M.; A.B. Univ. of N. D., 1921; registrar and assoc. prof., geog.; b: So. Ill. State Normal Univ., Carbondale, Ill.; h: 409 West Main St., Carbondale, Illinois.
Shiflet, Chester H., A.M.; A.B. Kingfisher Coll., 1921; Macalester Coll., St. Paul, Minnesota.
Shipman, Julia M., A.M.; Ph.D., 1928; B.Ed. Boston Univ., 1920; assoc. prof.; b: Mount Holyoke Coll., So. Hadley, Mass.; h: Enfield, New Hampshire.
Torigoye, Kazutaro, A.M.; grad Okayama Prefectural N. S., 1913; Koto-jogakko Daiku, Okoyama, Japan.

B.Ed.

Park, Bessie L., B.Ed.; grad Cortland, N. Y., State N. and Tr. Sch., 1901; director, phys. ed.; b: State N. and Tr. Sch., Cortland, N. Y.; h: 9 Charles St., Cortland, New York.

Ph.D.

Branom, Frederick K., Ph.D.; B.Ed. Ill. State Normal Univ., 1915; Sc.M. Univ. of Chicago, 1916; chairman, dept., social studies; b: Chicago Teacher's Coll., Chicago, Ill.; h: 10, 325 Leavitt St., Chicago, Illinois.
Dexter, Robert C., Ph.D.; A.B., 1912 and A.M., 1916, Brown Univ.; sec. dept. social relations; b: Amer. Unitarian Assn., 25 Beacon St., Boston, Mass.; h: 536 Pleasant St., Belmont, Massachusetts.
Dexter, Mrs. Robert C. (Elisabeth A.) Ph.D.; A.B. Bates Coll., 1908; A.M. Columbia Univ., 1911; writer; 563 Pleasant Street, Belmont, Massachusetts.

Fish, Andrew, Ph.D.; A.B., 1919 and A.M., 1921, Univ. of Ore.; 1665-1/2 Fairmount Blvd., Eugene, Oregon.
Fryer, H. Douglas, Ph.D. z
James, Preston E., Ph.D.; A.B., 1920 and A.M., 1921, Harv. Univ., prof.; b: Dept. of geography, Univ. of Mich., Ann Arbor, Mich.; h: 841 Oakland Ave., Ann Arbor, Michigan.
Keenleyside, Hugh L., Ph.D. z
Nash, Mrs. Albertine A. (Richards, Albertine A.) Ph.D.; A.B. Hunter Coll., 1914; A.M. Columbia Univ., 1917; consulting psychologist and special writer, San Francisco Examiner; Tiburon, California.
Richards, Albertine A., Ph.D. (See Nash, Mrs. Albertine A.)
Rikimaru, Ji-Yen, Ph.D.; Bun-Gaku-Shi (Man of Literature) Tokyo Imperial Univ., 1920; Taihoken Imperial Univ., Taihoken, Japan.
Rosen, Raphael, Ph.D.; A.B., 1916 and A.M., 1920, Johns Hopkins Univ.; research chemist; b: Standard Oil Co., Elizabeth, N. J.; h: 10 Vista Ave., Elizabeth, N. J.
Sherman, William R., Ph.D. z
Stowe, Allen B., Ph.D. z
Switzer, Jesse E., Ph.D.; Sc.B. Univ. of Chicago, 1911; prof. geog.; b: Owen Hall, Ind. Univ., Bloomington, Ind.; h: 523 So. Park Ave., Bloomington, Ind.
Whyte, Earle F., Ph.D.; A.B., 1920 and A.M., 1921 Dalhousie Univ.; dominion analyst; b: Dominion Public Building, Halifax, N. S., Canada; h: 5 MacDonald St., Halifax, N. S., Canada.

CLASS OF 1924
A.B.

Bergan, J. Frederick, A.B.; 35 May St., Worcester, Mass.
Berman, Jacob I., A.B. x
Brigham, Charles A., A.B.; instr., romance languages; b: Univ. of Cincinnati, Cincinnati, Ohio; b: 6717 Britton Ave., Cincinnati, Ohio.
Brodie, William, A.B.; advertising; b: News-Journal Co., Wilmington, Del.; h: 3312 Jefferson St., Wilmington, Delaware.
Chen, Jason H., A.B.; A.M., 1924. x
Cohen, Irving C., A.B.; furniture; 45 Monument Sq., Leominster, Mass.; h: 10 Tahanto Rd., Worcester, Massachusetts.
Coty, Francis J., A.B.; Hoas Apts., West Coxsackie, New York.
Cowdrey, C. Francis, Jr., A.B.; treas.; b: C. H. Cowdrey Machine Works, Fitchburg, Mass.; h: 463 Blossom Street, Fitchburg, Massachusetts.
Elliott, Ray T., A.B.; mngr.; b: 129-131 South Phillips Ave., Sioux Falls, S. D.; h: 314 W. 14th St., Sioux Falls, S. D.
Feinberg, Hyman I., A.B. x
Gilbert, Ralph W., A.B.; A.M., 1925; Ph.D., 1927; instr. psych.; b: N. Y. Univ., New York, N. Y.; h: 123 Cedar Ave., Rockville Centre, L. I., N. Y.
Hannan, James P., A.B.; A.M., 1925; teacher; 84-01 113th St., Richmond Hill, L. I., N. Y.
Hastings, Russell B., A.B.; A.M., 1925; prof., physics; b: Macalester Coll., St. Paul, Minn.; h: 1744 Palace St., St. Paul, Minn.
Hood, Everett W., A.B.; teacher, marketing, salesmanship, and advertising; b: 1028 Main St., Buffalo, N. Y., h: 125 North St., Buffalo, New York.
Johnson, Carl A., A.B.; teacher; U. S. hist. and coach, basketball; b: H. S., Arlington, Mass.; h: 102 Grafton St., Arlington, Massachusetts.
King, Charles V., A.B.; M.D. Harv. Univ., 1928; 47 Boyd St., Worcester, Massachusetts.
Landin, Harold F. W., A.B.; A.M., 1925; Ph.D. Cornell Univ., 1928; prof., hist.; b: Ohio State Univ., Columbus, Ohio; h: 2378 Neil Ave., Columbus, Ohio.
Lipschitz, Abraham M., A.B. (See Lyons, Abraham M.). x
Lynch, Harold E., A.B.; H. S., Pittsfield, Massachusetts.
Lyons, Abraham M., (Lipschitz, Abraham M.) A.B. x
Miyamoto, Katsuhei, A.B. x
Pearse, Harry, A.B.; Sc.M. Brown Univ., 1926; State Sanitorium, Wallum Lake, Rhode Island.
Pope, Henry W., A.B.; instr., hist.; b: H. S. Naugatuck, Connecticut, h: 361 High Street, Naugatuck, Connecticut.
Popko, Peter F., A.B.; Union Central Life Ins. Co., 80 Federal St., Boston, Massachusetts.
Potter, Norwood C., A.B.; M.B.A. Harv. Univ., 1926; statistician; b: Am. Tel. and Tel. Co., 195 Broadway, New York, N. Y.; h: Homewood Avenue, Allendale, New Jersey.
Price, Ronald W., A.B.; b: 968 Framingham Ave., West Hartford, Conn.; h: Albany Pl., West Hartford, Connecticut.
Richmond, Eugene L., A.B.; M.D. Cornell Univ., 1929; surgeon; b: 390 Main St., Worcester, Mass.; h: 857 Pleasant St., Worcester, Massachusetts.
Riffolt, Nils A., A.B.; A.M., 1924; assoc. physicist; Naval Proving Ground, Dahlgren, Virginia.

Riley, Michael F., A.B.; teacher; b: Boy's Trade Sch., Worcester, Mass.; h: 5A Forestdale Rd., Worcester, Massachusetts.

Saunders, Richard M., A.B.; A.M., 1925; Ph.D. Cornell Univ., 1931; asst. prof., hist.; b: Baldwin House, Univ. of Toronto, Toronto, Ont., Canada; h: 31 Kendal Ave., Toronto, Ont., Canada.

Schultz, Isadore E., A.B.; M.B.A. Harv. Bus. Sch., 1926; distributor for Kendall Refining Co.; b: 122 Central St., Worcester, Mass.; h: 31 So. Flagg St., Worcester, Massachusetts.

Shalloo, Jeremiah P., A.B.; A.M., 1927; instr., sociology; b: Wharton Sch., 305 Logan Hall, Univ. of Pa., Phila., Pa.; h: 4035 Chestnut St., Philadelphia, Pa.

Shor, David M., A.B.; M.D. Boston Univ., 1929; physician; 32 So. Munn Ave., East Orange, N. J.

Tanner, Elmo, A.B.; 66 Honmoku, Machi, Yokohama, Japan.

Thayer, P. Edward, A.B.; A.M. Brown Univ., 1934; student counselor; b: Hope H. S., Providence, R. I.; h: 58 Colonial Rd., Providence, Rhode Island.

Towne, Edmund B., A.B.; A.M., 1925; Ph.D. Iowa State Coll., 1932; 40 Magee Ave., Rochester, New York.

Wooster, Charles B., A.B.; A.M., 1925; Ph.D. Brown Univ., 1928; research chemist; b: Rohm & Haas Co., Inc., Phila., Pa.; h: 1210 Haworth St., Philadelphia, Pa.

Yanofsky, Jacob Y., A.B. (See Young, Jacob Y.)

Young, Jacob Y. (Yanofsky, Jacob Y.) A.B.; LL.B. Harv. Univ., 1927; atty.; b: 390 Main St., Worcester, Mass.; h: 66 South Lenox St., Worcester, Massachusetts.

A.M.

Buxton, Kenneth S., A.M. z

Caase, Emilie C., A.M.; grad., 1905, Worcester State N. S., Certificate Coll. Equivalence, 1922, granted by Worcester Sch. Committee; teacher; 77 Downing St., Worcester, Massachusetts

Cammett, Stuart H., A.M.; Ph.B. Denison Univ., 1922; house prin.; Southeastern H. S., Detroit, Mich.

Carlson, Harry G., A.M.; B.P.E. Springfield Coll., 1920; director, phys. ed.; b: Univ. of Colo., Boulder, Colo.; h: 772 16th St., Boulder, Colorado.

Carney, E. Seaton, A.M.; A.B. Kalamazoo Coll., 1923; Ph.D. Brown Univ., 1928; 619 Reed St., Kalamazoo, Michigan.

Chen, Jason H., A.M. z x

Coulson, A. Gertrude, A.M. (See Gardner, Mrs. James H.) Died 1936.

Cross, Hartley W., A.M.; Ph.D. 1929; A.B. Springfield Coll., 1923; prof., hist. and econ.; b: Springfield Coll., Springfield, Mass.; h: 159 Whittum Ave., Springfield, Massachusetts.

Engleman, Harry A., A.M.; B.H. Springfield Coll., 1923; dept. mngr.; b: 269 Broad St., Summit, N. J.; h: Box 135, New Providence, New Jersey.

Farrington, Wendell F., A.M.; Sc.B. Colby Coll., 1922; Livermore Falls, Maine.

Gardner, Mrs. James H. (Coulson, A. Gertrude) A.M., Died 1936.

Grey, Robert M., A.M.; minister; Woburn, Massachusetts.

Handy, LeRoy M., A.M. z

Higgins, Donald E., A.M. z

Howe, George F., A.M. z

Howell, Edna V., A.M. (see McKnight, Mrs. Edna H.)

Johnson, George E., A.M., Died, 1931.

Knight, Ella B., A.M., Deceased.

Lloyd, Frank S., A.M.; B.P.E. Springfield Coll., 1923; Ph.D. N. Y. Univ., 1933; Wash. Sq. Branch, N. Y. Univ., New York, N. Y.

McKnight, Mrs. Edna H. (Howell, Edna V.) A.M.; A.B. Ohio Univ., 1923; Ph.D. Ind. Univ., 1927; Brook Knoll, Bedford, Indiana.

Mack, Harry E., A.M.; A.B. Cornell Univ., 1917; supt. of schools; Box 225, Leicester, Massachusetts.

Morrison, Arthur B., A.M. z

Mountain, Harold A., A.M.; A.B. Springfield Coll., 1923; exec. asst.; b: Castle & Cooke, Lim., Honolulu, Hawaii; h: 4949 Mana Pl., Honolulu, Hawaii.

Neal, Arthur M., A.M. z

Nuki, Denmatsu, A.M.; director; b: The Cotton Flannel Manufacturing Asso., #501 Nodamachi, Kishiwada, Osaka-fu, Japan; h: #1486 Hamaderacho Shimo, Osaka-fu, Japan.

Perlmutter, Nucia, A.M.; grad Marinski Gymnasium, Zlutomir, Russia; c/o Teachers' Coll., International Institute, Columbia Univ., New York, New York.

Ridderhof, John A., A.M. x

Riffolt, Nils A., A.M. z

Robertson, Ina C., A.M.; A.B. Univ. of Ill., 1921; teacher, geog.; and head of dept.; S.T.C., Valley City, N.D.

Roope, Percy M., A.M. z

Russell, H. Harrison, A.M.; Ph.D., 1926; B.Ed. Ill. State Normal Univ., 1920; teacher; b: S.T.C., Bloomsburg, Pa.; h: 380 East Third St., Bloomsburg, Pa.

Towne, Stanwood B. E., A.M. z

White, Lester P., A.M. z

Winslow, Guy H., A.M.; Ph.D., 1933; teacher; b: Worcester S.T.C., Worcester, Mass.; h: So. Lancaster, Massachusetts.

CLASS LISTS

B.Ed.

Callahan, Mary J., B.Ed.; grad Worcester, Mass., State N. S., 1895; prin.; b: Andover St. School, Worcester, Mass.; h: 145 Woodland St., Worcester, Mass.
Collamore, Edna A., B.Ed.; A.M., 1928; grad Worcester, Mass. State N. S., 1898; prin.; b: Roosevelt Sch., Worcester, Mass.; h: 11 Isabella St., Worcester, Mass.
Conner, J. Eva, B.Ed.; 89 High St., Southbridge, Massachusetts.
Hodge, Mrs. Thekla, B.Ed., Died 1938.

Ph.D.

Auchampaugh, Philip G., Ph.D.; A.B. N. Y. Coll. for Teachers, 1920; A.M. Syracuse Univ., 1921; Box 210, Omaha, Nebraska.
DesAutels, George F., Ph.D. z
Greer, Willard N., Ph.D. z
Morse, L. Lucile, Ph.D., Died 1933.
Sessions, William V., Ph.D.; Sc.B., 1917 and Sc.M., 1921 Worc. Poly. Tech.; 665 West Warren Ave., Detroit, Michigan.

CLASS OF 1925

A.B.

Beswick, Albert E., A.B.; LL.B. Yale Univ., 1928; atty.; b: 192 Glen St., Glens Falls, N. Y.; h: Warrensburg, New York.
Blades, Ansley O., A.B.; research and compounding of rubber insulation for electrical conductors; b: Rome Wire Co., Div., General Cable Corp., Rome, N. Y.; h: 415 W. Thomas St., Rome, N. Y.
Clarkson, Paul S., A.B.; LL.B. Harv. Univ., 1928; atty.; b: Consol. Gas, Elec. Lt., and Power Co., 1707 Lexington Bldg., Baltimore, Md.; h: 410 Kensington Rd., Baltimore, Md.
Crouch, Irvin E., A.B.; 36 Avalon Rd., West Hartford, Connecticut.
Dix, Charles T., A.B.; A.M., 1929; Caney Jr. Coll., Pippapass, Ky.
Dodge, Raven O., A.B.; Ed.M. Harv. Univ., 1932; Jr. School prin.; b: Staunton Military Academy, Staunton, Virginia; h: Quincy, New Hampshire.
Doherty, Richard P., A.B.; A.M., 1926; 55 Scott Rd., Belmont, Mass.
Dorward, Arthur R., A.B.; sec.; b: Fuller Regalia Co., 12 High St., Worcester, Mass.; h: 56 Cedar St., Worcester, Mass.
Erickson, Robert S. H., A.B.; teacher and coach; b: Classical H. S., Worcester, Mass.; h: 12 Flagg St., Worcester, Mass.
Ferguson, John H., A.B.; A.M., 1926. x
Ferrara, Adam E., A.B.; b: Standard Statistics Co., 47 W. St., New York, N. Y.; h: 347 15th Ave., Newark, New Jersey.
Geldard, Frank A., A.B., A.M., 1926, Ph.D., 1928; prof., psych.; b: Univ. of Va., Charlottesville, Va.; h: 1900 Edgewood Lane, Charlottesville, University, P. O., Virginia.
Gladding, G. Roger, A.B.; A.M., 1926; manufacturer; Chester, Conn.
Goldblatt, Leo A., A.B.; A.M., 1926; Erie Center, Univ. of Pittsburgh, Erie, Pennsylvania.
Grandone, Peter, A.B.; assoc. petroleum engineer; b: U.S. Bureau of Mines, Bartlesville, Okla.; h: 1514 Keeler Ave., Bartlesville, Oklahoma.
Hammond, Arthur N., A.B.; 440 Newbury St., Suite 6, Boston, Mass.
Hanover, Walter S., A.B.; A.M., 1926; teacher; b: Woodrow Wilson H.S., Middletown, Conn.; h: 9 Brainerd Ave., Middletown, Conn.
Kellogg, Raymond H., A.B. x
McLean, Francis T., A.B. x
Montgomery, Eugene P., A.B.; mngr., govt. contract dept.; b: Dennison Mfg. Co., Framingham, Mass.; h: 95 West Main St., Westboro, Mass.
Potts, W. Gerald, A.B.; Lyme Rd., Hanover, New Hampshire.
Reynolds, Paul E., A.B.; A.M., 1927 and Ph.D., 1938, Harv. Univ.; instr., English; b: Northeastern Univ., Boston, Mass.; h: 15 Linden St., Framingham, Massachusetts.
Sleeper, L. Maxwell, A.B.; A.M., 1926; 40 Ives St., Mt. Carmel, Connecticut.
Stejer, Francis A., A.B.; A.M. Montana State Univ., 1927; assessor, Powell County; b: Box 69, Deer Lodge, Mont.; h: 924 Milwaukee Ave., Deer Lodge, Montana.
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Ph.D.

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A.M.

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Ph.D.

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B.Ed.

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Forsythe, Marion B., B.Ed.; A.M., 1927; grad Potsdam, N. Y., State N. S.; retired; Waddington, New York.
Hobson, Maude A., B.Ed.; grad Kent, Ohio, State N. S.; teacher; Youngstown, Ohio.
Maher, Margaret E., B.Ed.; grad Worcester, Mass., State N. S., 1910; teacher; b: Elizabeth St. Sch., Worcester, Mass.; h: 741 Pleasant St., Worcester, Mass.
McQueeny, Theresa F., B.Ed.; A.M., 1930; grad Worcester, Mass., State N. S., 1914, 35 Westminister St., Worcester, Mass.
O'Connor, Delia G., B.Ed., Died 1935.
Shrager, Arthur M., B.Ed. z
Tausch, Mrs. Anne E., B.Ed.; 26 E. Tallmadge Ave., Akron, Ohio.

Ph.D.

Allen, Mary K., Ph.D. z x
Armitage, Frank G., Ph.D. z
Bengtson, Nels A., Ph.D., B.Ed. S.T.C., Peru, Nebr., 1906; A.B. 1907 and A.M., 1908, Univ. of Nebr.; prof., chairman of dept., geog.; b: Univ. of Nebr., Lincoln Nebr.; h: 1919 E. St., Lincoln, Nebr.
Cooper, Clyde E., Ph.D.; A.B., 1916 and Sc. M., 1917, Univ. of Mich.; prof., geog, geol.; Box 385, Athens, Ohio.
Farnsworth, Albert, Ph.D. z
Gilbert, Ralph W., Ph.D. z
Heath, Charles O., Ph.D.; B.S.H. Cornell Univ., 1917; M. H. International Y. M. C. A., 1924; 144 Quincy St., Brooklyn, N. Y.
Ku, Te Ming Ph.D. x
Liggett, John R., Ph.D. z, Died 1931.
Morrow, Curtis H., Ph.D. z
Nafe, Robert W., Ph.D. z
Richards, Gragg, Ph.D.; Sc.B., 1902, Sc.M., 1903; A.M., 1925, and Ed.M., 1927; Harv. Univ.; mining geologist, retired; 601 W. 144th St., New York, N. Y.
Roope, Percy M., Ph.D. z

CLASS OF 1928

A.B.

Becker, Raymond C., A.B.; Union Producing Co., Shreveport, La.
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Boyden, Willard E., A.B.; 108 Main St., Sandwich, Massachusetts.
Carver, Wells E., A.B.; realtor; b: Mass. Mutual Life Ins. Co., 1295 State St., Springfield, Mass.; h: Main Street, Hampden, Massachusetts.
Chase, George B., A.B. x
Ciano, Michael A., A.B.; 827 E. Main St., Waterbury, Connecticut.
Coty, Everett W., A.B.; A.M. 1929; parole officer; Inst. for Male Defective Delinquents, Napanoch, New York.
Cove, Joseph E., A.B.; A.M., 1929; 5 Taft St., Worcester, Mass.
Dexter, William A., A.B.; A.M. Univ. of Mich., 1936; prin.; b: Main St., Stockbridge, Mass.; h: Elm St., Stockbridge, Mass.
Erickson, Franklin C., A.B.; A.M., 1930; Ph.D., 1935; prof., geog.; Univ. of N. C., Chapel Hill, North Carolina.
Farrell, Albert L., A.B.; social case worker; b: State Relief Administration, 1120 Maple Ave., Los Angeles, California; h: 1330 S. Union Ave., Los Angeles, Calif.
Farrell, Wilfred R., A.B.; Box 46, Marcellus, New York.
Felt, Charles W., A.B.; b: 31 St. James Ave., Boston, Mass.; h: Northboro, Massachusetts.
Goss, George L., A.B.; on staff, general commercial mngr., Long Island Area, N. Y. Tel. and Tel. Co.; Rm. 1508, 101 Willoughby St., Brooklyn, New York.
Hickey, Thomas J., A.B.; commercial mngr.; b: N. Y. Tel. & Tel. Co., 101 Willoughby St., Brooklyn, N. Y.; h: 78 Manhattan Ave., New York, New York.

ALUMNI

Howard, J. Philip, A.B.; LL.B. Harv. Univ., 1933; atty.; b: 32 Pleasant St., Gardner, Mass.; h: Hubbardston, Massachusetts.

Johnson, Robert E., A.B.; M.B.A. N. Y. Univ., 1932; economic statistician; b: N. Y. Tel. and Tel. Co., 140 West St., New York, N. Y.; h: 50 Marlboro Rd., Clifton, New Jersey.

Jones, Lloyd C., A.B.; broker; b: 24 Federal St., Boston, Mass.; h: 44 Trowbridge Ave., Newtonville, Massachusetts.

Kraemer, Irving W., A.B.; teacher; Willow Ave., Cornwall, New York

Laakso, Eino F., A.B.; A.M., 1931; postal clerk; b: P. O. Box 11, Gardner, Mass.; h: 107 Washington St., Gardner, Massachusetts.

Lehnert, Frederick O., A.B.; A.M. Yale Univ., 1934; asst. prof., German; Hobart Coll. and William Smith Coll., Geneva, N. Y.

Lloyd, George W., A.B.; B.H. Springfield Coll., 1924; pres.; Mount Vernon Seminary, 3801 Nebraska Ave., N. W., Washington, D. C.

MacGeoch, John B., A.B.; Died 1938.

Master, Moses, A.B.; insurance (underwriting); 1709 E. 4th St., Brooklyn, New York.

Mills, Frederick T., A.B.; 2 Guild Rd., Worcester, Massachusetts.

Peterson, Ernest G., A.B.; A.M., 1929; research chemist; 505 West 32nd St., Wilmington, Delaware.

Plumb, Philip B., A.B.; 133 Allen Place, New Brighton, L. I., N. Y.

Rich, George B., A.B.; A.M. Columbia Univ., 1938; teacher; Church St., Fort Fairfield, Maine.

Rothman, Theodore, A.B.; M.D. N. Y. Med. Coll., 1932; physician; 494 Park Ave., Paterson, New Jersey.

Sanger, Quintin M., A.B.; A.M. Columbia Univ., 1930; junior archivist; b: Nat'l. Archives Bldg., Washington, D. C.; h: Moosup, Conn.

Smith, Abraham, A.B.; 54 Lawrence St., Fitchburg, Massachusetts.

Spadola, John M., A.B.; A.M., 1929; patent examiner; b: Patent Office, Washington, D. C.; h: 4020 8th St., N.E., Washington, D. C.

Sullivan, John J., A.B.; 2 Wyman St., Worcester, Massachusetts.

Tatham, Stanley J., A.B.; 10 Bowen Ave., Flushing, L. I., N. Y.

Tomajan, Russell, A.B.; Y. M. C. A., Pittsfield, Massachusetts.

Whiting, Stanley H., A.B.; A.M., 1929; research chemist; b: Am. Cyanamide Co., Calco Div., Bound Brook, N. J.; h: Box 124, Somerville, New Jersey.

Wilder, Frank W., A.B.; A.M., 1929; research chemist; b: Va. Smelting Co., Portsmouth, Va.; h: 129 Mt. Vernon Ave., Portsmouth, Va.

A.M.

Addicott, Harold B., A.M.; A.B. Ohio Univ., 1924; instr., geog.; S.T.C., Mayville, North Dakota.

Anderson, Sven A., A.M.; A.B. Upsala Coll., 1927; Ph.D. Columbia Univ., 1936; asst. prof. econ., business admin.; b: Rensselaer Polytechnic Inst., Troy, New York; h: 2226 Burdett Ave., Troy, New York.

Baxter, John F., A.M.; A.B. Holy Cross College, 1927; LL.B. Harvard University Law School, 1931; atty.; b: 311 Main Street, Worcester, Massachusetts; h: 44 Sagamore Road, Worcester, Massachusetts.

Bell, Ruth E., A.M.; A.B. Washburn Coll., 1927; instr., econ.; b: Fla. State Coll., Tallahassee, Fla.; h: 928 Kansas Ave., Topeka, Kansas.

Carey, Gertrude M., A.M.; B.Ed. Boston University, 1925; teacher and librarian; b: Senior H. S., Marlboro, Massachusetts; h: 31 Gibbon Street, Marlboro, Massachusetts.

Collamore, Edna A., A.M. z

Crawford, Harold H., A.M. x

Crook, Mason N., A.M.; Ph.D., 1930; A.B. Marietta Coll., 1925; b: Skidmore Coll., Saratoga Springs, N. Y.; h: 78 White St., Saratoga Springs, New York.

Cunningham, Floyd F., A.M.; Ph.D., 1930; B.Ed. Ill. State N. S., 1926; prof. and head of dept. geog.; b: S. T. C., Florence, Ala.; h: Striplin Hall, Florence, Alabama.

Dennis, Wayne, A.M.; Ph.D. 1930; A.B. Marietta Coll., 1926; asst. prof., psych., b: Peabody Hall, Univ. of Va., Charlottesville, Va.; h: 3 Oakhurst Circle, Charlottesville, Virginia.

Dix, Charles T., A.M. z

Dow, Richard B., A.M. z

Eagan, Henry F., A.M. z

Graham, Clarence H., A.M. z

Haines, C. Grove, A.M.; Ph.D., 1933; A.B. Ursinus Coll., 1927; 100 Trinity Pl., Syracuse, New York.

Hanratta, Anna, A.M.; A.B. Central S.T.C., Mt. Pleasant, Mich.; teacher; French Rd., St. Johns, Michigan.

Hidy, Ralph W., A.M.; A.B. Miami Univ., 1926; Ph.D. Harv. Univ., 1935; asst. prof., hist.; b: Wheaton Coll., Norton, Mass.; h: Main St., Norton, Mass.

Hidy, Mrs. Ralph W., (Wagenhauser, Muriel E.) A.M.; A.B. Univ. of B.C., 1927; Ph.D. Radcliffe Coll., 1939; asst. prof.; b: Wheaton College, Norton, Mass.; h: Main St., Norton, Mass.

Hogan, Frances H., A.M.; A.B. Boston Univ., 1927; teacher; 3 Kilby St., Worcester, Mass.

Holmes, Kenneth B., A.M.; Ph.B. Wesleyan Coll., 1927; b: Green Mt., Jr. Coll., Poultney, Vt.; h: 11 Bentley Ave., Poultney, Vermont.

Holzhauer, Carl F., A.M.; A.B. Coll. of City of Detroit, 1926; teacher; b: Southeastern H. S., Detroit, Mich.; h: 15311 Eastburn Ave., Detroit, Michigan.

Holzhauer, Mrs. Carl F. (Hoyt, Edith E.) A.M.; A.B. Marietta Coll., 1926; 15311 Eastburn Ave., Detroit, Mich.

Hoyt, Edith E., A.M. (See Holzhauer, Mrs. Carl F.)

Huang, Yu-Jung, A.M.; A.B. Yenching Univ., 1924; instr., geog.; b: Dean's Residence, Yenching Univ., Peiping, China; h: 17 Tung Tan Erk Tiao, Peiping, China.

Lee, Harriet E., A.M.; A.B. Cornell Univ., 1927; Grier School, Birmingham, Pennsylvania

Leêper, Robert W., A.M.; Ph.D., 1930; A.B. Allegheny Coll., 1925; asst. prof., psych.; b: Univ. of Ore., Eugene, Ore.; h: 1636 E. 25th Ave., Eugene, Oregon.

Mitchell, May A., A.M.; A.B. Iowa S.T.C., 1917; Manley, Iowa.

Munn, Norman L., A.M.; Ph.D., 1930; Sc.B. Springfield Coll., 1927; prof., psych.; Vanderbilt Univ., Nashville, Tennessee.

Rucker, Robert W., A.M.; B.Ed. Ill. State Normal Univ., 1927; head of the dept. of geog. and natural science; S.T.C., Hyannis, Mass.

Schlesselman, George W., A.M. x

Stone, Robert, A.M.; B.P.E. Springfield Coll., 1923; clinical psychologist; N. J. State Hosp., Marlboro, New Jersey.

Tabor, Osborne B., A.M. z

Wagenhauser, Muriel E., A.M. (See Hidy, Mrs. Ralph W.).

B.Ed.

Brown, Virginia M., B.Ed.; grad Univ. of Delaware, 1921; teacher, geog.; b: E. Warner Jr. H. S., Wilmington, Delaware; h: 605 Hillcrest Avenue, Wilmington, Delaware.

Callahan, Mary M., B.Ed., grad Sargent Sch., 1901; posture training and correction work; b: School Dept., City Hall, Worcester, Mass.; h: 93 Elm St., Worcester, Massachusetts.

Hall, Florence E., B.Ed.; A.M. St. Lawrence Univ., 1929; teacher, phys. geog.; b: H. S., Watertown, N. Y.; h: 321 Prospect St., Watertown, New York.

Johnson, Olga A., B.Ed.; grad Worcester, Mass., State N. S., 1912; teacher; b: Columbus Pk. Sch., Worcester, Mass.; h: 9 Falmouth St., Worcester, Mass.

Lincoln, Elisabeth M., B.Ed.; grad Fitchburg, Mass., State N. S., 1910; M.Ed. Boston Univ., 1934; supervisor; b: School Dept., Leominster, Mass.; h: 226 Union St., Leominster, Massachusetts.

Murphy, Theresa M., B.Ed.; A.M. N. Y. Univ., 1935; instr., general science; b: Woodrow Wilson Jr. H. S., Mt. Vernon, N. Y.; h: 20 Park Ave., Mt. Vernon, New York.

Silk, Ellen M. H., B.Ed.; grad Worcester, Mass., State N. S., 1904; teacher, social studies; b: David Prouty H. S., Spencer, Mass.; h: 15 Bell St., Spencer, Massachusetts.

Stanton, Cora A., B.Ed.; teacher; b: Providence St. Jr. H. S., Worcester, Mass.; h: 8 Crown St., Worcester, Massachusetts.

Wilmouth, Irene F., B.Ed.; grad Worcester, Mass., State N. S.; A.M. Boston Univ., 1934; teacher; b: School Dept., Worcester, Mass.; h: 31 Lovell St., Worcester, Mass.

Yerkes, Warren A., B.Ed. x

Ph.D.

Atwood, Rollin S., Ph.D. z

Eksergian, Rupen, Ph.D.; Sc.B., 1914 and Sc.M., 1915, M.I.T.; Sc.M. Harv. Univ., 1915; consultant-engineering dept.; b: E. I. duPont de Nemours, Wilmington, Del.; h: 23 Owen Ave., Lansdowne, Pa.

Geldard, Frank A., Ph.D. z

Meyer, Leo J., Ph.D.; A.B., 1920 and A.M., 1924, Wesleyan Univ.; teacher, b: N. Y. Univ., New York, N. Y.; h: Princeton St., Closter, New Jersey.

Shipman, Julia M., Ph.D. z

Van Royen, Willem, Ph.D.; A.M. Univ. of Utrecht, 1925; asst. prof., geog.; b: Former Museum, Univ. of Nebr., Lincoln, Nebr.; h: 2636 Garfield St., Lincoln, Nebraska.

CLASS OF 1929

A.B.

Adams, Hobart W., A.B.; M.B.A. Harv. Univ., 1931; instr.; Tilton Jr. Coll., Tilton, New Hampshire.

Backlin, Everett E., A.B.; B.D. Bethel Theol. Sem., 1937; clergyman; Eveleth, Minnesota.

Bailey, Irving E., A.B.; Box 283, Shrewsbury, Massachusetts.

Belanger, Leonard J., A.B.; 3760 88th St., Jackson Hts., L.I., N.Y.

Bland, Isadore C., A.B.; A.M., 1930; manufacturer of oil burners; b: 529 Park St., Hartford, Conn.; h: 51 Willard Street, Hartford, Connecticut.
Briggs, Reginald A., A.B.; A.M., 1930. x
Britton, Jacob, A.B.; Ph.D. Univ. of Colo., 1936; 911 Fairview, Boulder, Colorado.
Butler, Richard W., A.B.; 38 Dale St., Worcester, Massachusetts.
Carlson, Albert S., A.B.; A.M., 1931; Ph.D., 1939; asst. prof., econ. geog.; b: Dartmouth Coll., Hanover, N. H.; h: 19 So. Park St., Hanover, New Hampshire.
Coffyn, Kingsland A., A.B.; A.M. Harv. Univ., 1930; personnel officer; 16 E. 96th St., New York, N. Y.
Dahl, Randle E., A.B.; A.M., 1933; asst. prof., finance; b: Fenn Coll., Cleveland, Ohio; h: 1814 Page Ave., E. Cleveland, Ohio.
Deeks, William T., A.B.; 12 Linden St., Whitinsville, Massachusetts.
Duesel, Bernard F., A.B.; A.M., 1930; 293 Bellevue Ave., Yonkers, New York.
Fryer, Francis L., A.B.; teacher; b: Providence St., Jr. H. S., Worcester, Mass.; h: 42 Prescott St., Worcester, Massachusetts.
Gaucher, Adrian A., A.B.; LL.B. Boston Univ., 1933; atty.; b: 18 Hamilton St., Southbridge, Mass.; h: 271 Marcy St., Southbridge, Massachusetts.
Geary, Donald J., A.B.; teacher; b: Jr. H. S., Leominster, Mass.; h: 19 Pleasant Pl., Leominster, Massachusetts.
Gervais, Roland E., A.B.; instr., French; b: South H. S., Worcester Mass.; h: 512 Massasoit Rd., Worcester, Massachusetts.
Goldberg, Milton H., A.B. x
Goldman, Nathan, A.B.; A.M., 1930; Lyman Sch. for Boys, Westboro, Massachusetts.
Grace, Sydney, A.B.; A.M. 1930; M.D. Boston Univ., 1936; physician; City Hospital, Cambridge, Massachusetts.
Haberman, James C., A.B.; 75 Whittier St., Springfield, Mass.
Harrington, Wayne E., A.B.; salesman; b: 67 Orange St., New Haven, Conn.; h: 6 Chidsey Ave., East Haven, Connecticut.
Hartman, Raymond P., A.B. x
Hastings, Walter, Jr., A.B.; teacher; 18 Harrison St., New Britain, Connecticut.
Hillman, Owen N., A.B.; Sc.M., 1930; A.M., 1932, and Ph.D., 1934 Brown Univ.; philosophical research; 817 5th Ave., New York, New York.
Hubbard, Arthur D., A.B.; 81 Barnett St., New Haven, Conn.
Hughes, Hartwell M. T., A.B.; mngr.; b: Central Radio Service, 161 Main Street, Worcester, Mass.; h: 175 Beaconsfield Rd., Worcester, Mass.
Kaneb, Albert J., A.B., Died 1934.
Kennedy, Melvin D., A.B.; A.M., 1930; Atlanta Univ., Atlanta, Georgia.
Klingele, Arnold H., A.B.; Pleasant St., Paxton, Mass.
Kneller, George F., A.B.; 22 Spring Glen Terrace, Hamden, Connecticut.
Kremer, Abraham, A.B.; 61 Marlborough St., Lowell, Mass.
Levett, Abraham, A.B.; 185 Church St., New Haven, Connecticut.
Lippincott, Stuart W., A.B.; M.D.C.M. McGill Univ., 1935; lecturer, pathology; b: Pathological Inst., 3775 University St., Montreal P. Q., Canada; h: 3626 Lorne Crescent, Montreal, P. Q., Canada.
Lukens, F. Nelson, A.B.; agent; b: Metropolitan Life Ins. Co., 7 W. Broad St., Burlington, N. J.; h: 132 E. Warren St., Beverly, New Jersey
Luvisi, Fred P., A.B.; A.M., 1930; insurance agent; b: 332 Main St., Worcester, Mass.; h: 550 Grafton St., Worcester, Massachusetts.
Mansur, Lawrence C., A.B.; A.M., 1931; teacher; b: H. S., Cranston, R. I.; h: 126 Garden St., Cranston, Rhode Island.
Mettler, Fred A., A.B.; A.M., 1931, and Ph.D., 1933, Cornell Univ.; M.D. Univ. of Ga., 1937; prof., anatomy, and exec. chairman of dept.; b: Univ. of Ga., Med. Sch., Augusta, Georgia; h: 2549 Walton Way, Augusta, Georgia.
Niman, William A., A.B.; 91 Eighth Ave., Brooklyn, New York.
O'Neill, John A., A.B.; b: 405 Lexington Ave., New York, N. Y.; h: 60 West Broad St., Mt. Vernon, New York.
Pollock, Morris P., A.B.; prin., Pollock School Inc.; 28 Alton Pl., Brookline, Massachusetts.
Quinn, James A.B. x
Raphael, Ralph, A.B.; 8 Ashmont Ave., Worcester, Massachusetts.
Ringoen, Andrew T., A.B.; display advertiser; b: 20 Franklin St., Worcester, Massachusetts; h: 42 Burncoat Street, Worcester, Massachusetts.
Scott, Allan C., A.B.; Sc.M. Univ. of Pittsburgh, 1931; Ph.D. Columbia Univ., 1936; Union Coll., Schenectady, New York.

Shanahan, Raymond P., A.B.; agent for New York Tel. Co.; b: 140 West St., New York, N. Y.; h: 37-43 88th St., Jackson Heights, Long Island, New York.

Sherman, David, A.B.; A.M., 1930; 17 Mason St., Worcester, Mass.

Silverman, David B., A.B.; pres. and treas.; b: The Mayfair Stationers, 281 Main St., Worcester, Mass.; h: 24 Ashmore Rd., Worcester, Massachusetts.

Slate, Robert I., A.B.; 5 Centre St., Cambridge, Massachusetts.

Smith, Benjamin, A.B.; proprietor; b: Smithcraft Sportwear; 485 Middlesex St., Lowell, Mass.; h: 24 Belmont St., Lowell, Mass.

Stewart, Walter G., A.B.; A.M., 1930; Ph.D. Columbia Univ., 1937; prof., chem.; Centenary Jr. Coll.; Hackettstown, N. J.

Ten Broeck, Edward M., A.B.; newspaper reporter; b: Springfield Union, Springfield, Mass.; h: 70 Warren Ter., Longmeadow, Massachusetts.

Welson, Milton K., A.B.; 42 Westfield Rd., Holyoke, Mass.

Zumpfe, Leroy C., A.B.; 27 Park St., Webster, Massachusetts.

A.M.

Andress, Allen E., A.M.; A.B. Doane Coll., 1925; Ph.D. Princeton Univ., 1939; asst. prof., econ.; b: Hiram Coll., Hiram, Ohio; h: P. O. Box 164, Hiram, Ohio.

Avery, Mrs. Eula V., A.M.; A.B. Univ. of Mich., 1925; teacher, geog.; b: Tappan Jr. H. S., Ann Arbor, Mich.; h: 1123 Michigan Ave., Ann Arbor, Michigan.

Baralt, Jose Lopez, A.M.; A.B., 1928 and LL.B., 1931, Univ. of Puerto Rico; J.S.D. Cornell Univ., 1933; atty.; Tetnanl, San Juan, Puerto Rico.

Conrad, Harold E., A.M.; A.B. Brown Univ., 1927; Ph.D. Univ. of Toronto, 1935; prof., hist., and govt.; b: Ottawa Univ., Ottawa, Kans.; h: 823 South Hickery St., Ottawa, Kansas.

Coty, Everett W., A.M. z

Cove, Joseph E., A.M. z

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Fitton, Edith M., A.M.; A.B. Smith Coll., 1924; 2517 K St. N. W., Apt. 705, Washington, D. C.

Garnsey, Morris E., A.M.; A.B. Drury Coll., 1928; Ph.D. Harv. Univ., 1937; 881 14th St., Boulder, Colorado.

Glasgow, James H., A.M.; B.Ed. Ill. State Normal Univ., 1928; Ph.D. Univ. of Chicago, 1939; head, dept., geog.; Mich. State Normal Coll., Ypsilanti, Mich.

Healey, Josephine E., A.M.; A.B. Radcliffe Coll., 1928; teacher; b: Classical H. S., Worcester, Mass.; h: 21 Fiske St., Worcester, Massachusetts.

Huffington, Paul, A.M.; B.Ed. State Normal Univ., 1924; head of geog. dept.; b: State N. S., Bridgewater, Mass.; h: 173 Pleasant St., Bridgewater, Massachusetts.

Jefts, Lillian, A.M.; A.B. St. Lawrence Univ., 1910; 6 Hudson St., Worcester, Massachusetts.

Keller, Lois R., A.M.; B.Ed. Ohio State Univ., 1925; teacher; b: Jr. H. S., Shaker Heights, Ohio; h: 3232 E. Fairfax Rd., Cleveland Heights, Ohio.

Lindley, Lester C., A.M.; A.B. Ind. Univ., 1927; Fairmont S.T.C., Fairmont, West Virginia.

McDavitt, Neva, A.M.; B.Ed. Ill. State Normal Univ., 1925; instr., nature study and geog.; b: Ill. State Normal Univ., Normal Ill.; h: 304 W. Mulberry St., Normal, Illinois.

Means, Margaret, A.M.; B.Ed. Ill. State Normal Univ., 1925; teacher, geog.; b: H. S. Bloomington, Ill.; h: 516 S. Clayton Street, Bloomington, Illinois.

Peterson, Ernest G., A.M. z

Schwieger, Albert J., A.M.; A.B. Hamline Univ., 1928; Ph.D. Harv. Univ., 1936; prof., econ.; b: Worc. Poly. Tech., Worcester, Mass.; h: 17 Hammond St., Worcester, Massachusetts.

Silverman, Yetta, A.M. (See Ferdinand, Mrs. Robert).

Spadola, John M., A.M. z

Swan, Paul R., A.M. z

Vinal, Ella L., A.M.; Sc.B. Colby Coll., 1928; The Country Way, N. Scituate, Massachusetts.

Wheeler, Alfred H., A.M. x

Whiting, Stanley H., A.M. z

Wilder, Frank W., A.M. z

B.Ed.

Curley, Elizabeth G., B.Ed.; grad Worcester, Mass., State N. S., 1910; teacher; b: Jr. H. S., 420 Grafton St., Worcester, Mass.; h: 1 Lucian Street, Worcester, Massachusetts.

Daley, Katherine M., B.Ed.; grad Worcester State N. S., 1904; teacher; b: Jr. H. S., 420 Grafton St., Worcester, Mass.; h: 6 Mendon St., Worcester, Mass.

Gerard, Wilhelmina, B.Ed.; grad State N. S., Cortland, N. Y., 1909; teacher; b: School #1, Elmira, N. Y.; h: 207 Grove St., Elmira, New York.

Harris, Marion V., B.Ed.; grad Worcester, Mass., State N. S., 1919; teacher; b: School Dept., City Hall, Worcester, Mass.; h: Millbury, Massachusetts.

Johnson, Hilda V., B.Ed.; grad Worcester, Mass., State N. S., 1920; teacher; b: School Dept., Worcester, Mass.; h: 9 Falmouth Street, Worcester, Mass.

Kirby, Margaret V., B.Ed.; grad Worcester, Massachusetts, State N. S., 1900; teacher; b: Grafton Street, Jr. H. S., Worcester, Massachusetts; h: 38 Shirley Street, Worcester, Massa-Massachusetts.

Matteson, Estella M., B.Ed.; grad Oneonta, N. Y., State N. S., 1904; 19 Central Ave., Oneonta, New York.

Pasanen, Walter R., B.Ed.; A.M. N. Y. Univ., 1936; teacher; b: H. S., Malden, Mass.; h: 8 Philips Rd., Melrose, Mass.

Payne, Sarah A., B.Ed.; A.M. N. Y. Univ., 1938; teacher, social studies; b: Jr. H. S., Middletown, N. Y.; h: 42 Knapp Ave., Middletown, New York.

Regan, Ellen F., B.Ed., Died 1930.

West, Anthony J., B.Ed.; A.M., 1930; grad Fitchburg, Mass., State N. S., 1928; 188 Massasoit Rd., Worcester, Mass.

Ph.D.

Barnes, Carlton P., Ph.D. z

Baugh, Ruth E., Ph.D. z

Bjorkoe, Mrs. George O. (Tupper, Eleanor) Ph.D. z

Crook, Mrs. Mason N. (Johansen, Dorothea) Ph.D. z

Cross, Hartley W., Ph.D. z

Ewert, P. Harry, Ph.D., Died 1937.

Freeman, Otis W., Ph.D.; A.B. Albion Coll., 1910; Sc.M. Mich. Univ., 1913; head of dept., phys. science; College of Educ., Cheney, Washington.

Gooze, Charles, Ph.D., Died, 1936. z

Harden, Luberta M., Ph.D. (See McCabe, Mrs. Francis T.) z

Johansen, Dorothea, Ph.D. (See Crook, Mrs. Mason N.). z

Koeppe, Clarence E., Ph.D. z

LaFleur, Albert, Ph.D. z

McCabe, Mrs. Francis T. (Harden, Luberta M.) Ph.D. z

MacGregor, Rob Roy, Ph.D.; A.B., 1924 and A.M., 1926, Southern Methodist Univ.; chairman, social science div., and assoc. prof., hist.; b: Southwestern Coll., Winfield, Kans.; h: 307 N. 4th St., Temple, Texas.

Page, John L., Ph.D. z

Prator, Moina, Ph.D., Died 1930.

Tupper, Eleanor, Ph.D. (See Bjorkoe, Mrs. George O.).

CLASS OF 1930
A.B.

Abelsky, Michael, A.B.; A.M., 1931; Federal Correctional Inst., Terminal Island, California.

Barber, William P., A.B.; LL.B. Univ. of Va., 1933; atty.; b: 80 Main St., Putnam, Conn.; h: 245 School St., Putnam, Conn.

Brady, Edward W., A.B.; Box 584, Stockbridge, Massachusetts.

Brissette, Armand J., Jr., A.B.; A.M., 1932; b: c/o National Asso. of Manufacturers, 14 W. 49th St., New York, N. Y.; h: 8409 Talbot St., Kew Gardens, New York.

Christensen, Thomas E., A.B.; 389 Chandler St., Worcester, Mass.

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A.M.

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Grace, Sydney, A.M. z

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Ph.D.

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A.M.

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Foscue, Edwin J., Ph.D.; A.B. Southern Methodist Univ., 1922; Sc.M. Univ. of Chicago, 1925; prof., geog.; b: Southern Methodist Univ., Dallas, Tex.; h: 3225 Hanover St., Dallas, Texas.

Hicks, Charles R., Ph.D. z

Liggett, John R., Ph.D., Died 1931.

CLASS OF 1932

A.B.

Ablondi, John V., A.B.; 26 West Ave., Bridgeport, Connecticut.

Battersby, Kenneth A., A.B.; 910 Main St., Worcester, Mass.

Belkin, Solomon, A.B.; monuments; 17 Fairbanks St., Worcester, Mass.

Berkley, Louis (Berkovich, Louis) A.B.; 30 Joralemon St., Brooklyn, New York.

Berkovich, Louis, A.B. (See Berkley, Louis).

Biron, Archille H., A.B.; Diplome, Institut de Phonetique, Univ. of Paris, 1937; A.M., Middlebury Coll., 1940; head of French dept; b: Riverdale Country Sch. Riverdale-on-Hudson, New York, N. Y.; h: Riverside, Williamstown, Mass.

Carleton, Thomas M., A.B.; M.D. Tufts Univ., 1938; physician; West Main St., Brookfield, Mass.

Donabedian, Sarkis M., A.B.; A.M., 1933; 65 Frederick Ave., Medford, Massachusetts.

Gadaire, Charles R., A.B.; Ph.D. Univ. of Toronto, 1935; chairman, biology dept; b: Am. Int. Coll., Springfield, Mass.; h: 29 Mapledell St., Springfield, Mass.

Galvin, Howard W., A.B.; 146 Lincoln St., Worcester, Mass.

Gardner, Irving A., A.B.; 238 Wilder St., Lowell, Mass.

Gissen, Max, A.B.; editor; b: 220 W. 42nd St., New York, N. Y.; h: 1395 Lexington Ave., New York, New York.

Gladding, Royal H., A.B.; asst. estimator; b: Gorham Manufacturing Co., Providence, R. I.; h: 376 Benefit St., Providence, R. I.

Goldberg, Bernard I., A.B.; jeweler; b: 173 Essex St., Salem, Mass.; h: 6-1/2 Roslyn St., Salem, Mass.

Hair, Richard C., A.B.; supervising inspector; b: Whitin Machine Works, Whitinsville, Mass.; h: Burdon St., Whitinsville, Massachusetts.

Harwood, E. Monroe, A.B.; A.M. Syracuse Univ., 1937; teacher; b: Roger Ludlow H. S., Fairfield, Conn.; h: R.F.D. #9, Box 78, Fairfield, Connecticut.

Higginbottom, Arthur R., A.B.; teacher; b: H. S., Millbury, Mass.; h: Riverlin St., Millbury, Massachusetts.

Holmgren, Axel V., A.B.; A.M., 1933; Ph.D., 1936; chemist; b: Calco Chemical Co., South Bound Brook, N. J.; h: Wilson St., South Bound Brook, New Jersey.

Knox, Arthur R., Jr., A.B.; salesman; b: Revere Copper & Brass, Inc., 42 N. Front St., New Bedford, Mass.; h: 51 William St., Fairhaven, Massachusetts.

Leach, Morton G., A.B. x

MacDowall, Edward W., Jr., A.B.; 6 Bath St., Worcester, Mass.

Malmstead, Chester, W., A.B.; M.D. Tufts Med. Coll., 1936; psychiatrist, b: Box 926, Bangor, Me.; h: 151 Vernon St., Worcester, Massachusetts.

Meleski, Anthony P., A.B.; psychiatric social worker; b: Norfolk Colony, Norfolk, Mass.; h: Village St., Millis, Mass.

Metcalf, John W., Jr., A.B.; A.M. Boston Univ., 1933; teacher; b: H. S., Northbridge, Mass.; h: Main St., Linwood, Massachusetts.

Michaels, Arthur, A.B. x

Moran, John F., Jr., A.B.; A.M., 1933; teacher; b: H. S., Stratford, Conn.; h: 58 Grove St., Clinton, Massachusetts.

Northup, Francis F., A.B.; instr.; b: Bryant & Stratton Sch., 334 Boylston St., Boston, Mass.; h: 57 Pinckney St., Boston, Mass.
O'Toole, Edward J., A.B.; monumental salesman; b: 293 Cambridge St., Worcester, Mass.; h: 41 Pleasant St., Worcester, Mass.
O'Toole, George A., A.B.; 37 Houghton St., Worcester, Mass.
Phair, James A., A.B.; teacher, Spanish; b: H. S., Portland, Me.; h: 235 State St., Portland, Me.
Pomerat, Charles M., A.B.; Ph.D. Harv. Univ., 1937; biologist; Biology Laboratory, Univ. of Ala., Tuscaloosa, Alabama.
Rosoff, Leon, A.B.; 326 Arlington St., Watertown, Massachusetts.
Ross, W. Clifford, Jr., A.B.; LL.B. Northeastern Univ., 1936; patent atty.; b: 1387 Main St., Springfield, Mass.; h: 59 Federal St., Springfield, Massachusetts.
Salminen, Wilho M., A.B.; A.M., 1933; analytical chemist; b: Eastman Kodak Co., Rochester, N. Y.; h: 635 Magee Ave., Rochester, New York.
Shea, Joseph M., A.B.; A.M., 1933; 15 Blanche St., Worcester, Mass.
Singleton, Francis J., A.B.; Ed.M. Boston Univ., 1935; teacher, science; b: Normandin Jr. H. S., New Bedford, Mass.; h: 483 Cedar Grove, New Bedford, Mass.
Slopak, Abraham, A.B.; A.M., 1933; director, Leathercraft Guild of America; Colchester, Conn.
Spence, Robert A., A.B., Died 1937.
Tompkins, Earle A., A.B.; Sc.M. Mass. State Coll., 1933; supervisor; b: Town Hall, Easthampton, Mass.; h: 64 Maple St., Easthampton, Massachusetts.
Walsh, Vincent M., A.B.; A.M., 1933; product metallurgist; b: Am. Steel and Wire Co., 94 Grove St., Worcester, Mass., h: 13 June St., Worcester, Mass.
Whitehouse, Karl C., A.B.; A.M., 1933; Ph.D., 1935; research chemist; b: The Calco Chem. Co., Bound Brook, N. J.; h: 38 West High St., Bound Brook, New Jersey.
Wilner, Irving, A.B.; LL.B., 1935 and LL.M., 1936 Univ. of Pa., prin. of Hebrew Institute; 27 Geraud Ave., North Plainfield, New Jersey.

A.M.

Ambrose, Michael J., A.M. z
Arick, Wilfred R., A.M. z
Atwood, Mrs. Wallace W., Jr. (Kingman, Celia C.) A.M.; A.B. Vassar College, 1930; 88 Morningside Road, Worcester, Massachusetts.
Berkley, Mrs. Louis (Seckler, Pearl) A.M.; A.B. N. Y. Univ., 1931; 30 Joralemon St., Brooklyn, New York.
Brissette, Armand J., Jr., A.M. z
Cash, Myrtle, A.M.; B.Ed. Ill. State Normal Univ., 1928; teacher; 233 Wood Ct., Wilmette, Illinois.
Church, Phil E., A.M.; Ph.D., 1937; Sc.B. Univ. of Chicago, 1923; asst. prof., geog. and meteorology; b: Univ. of Wash., Seattle, Wash.; h: 7011 19th N. E., Seattle, Washington.
Clark, Marshall G., A.M. z
Colorado, Antonio J., A.M. x
Croteau, John T., A.M.; Ph.D. 1935; A.B. Holy Cross Coll., 1931; prof., econ.; b: St. Dunstan's Univ. and Prince of Wales Coll., Canada; h: 25 Upper Prince St., Charlottetown, Prince Edward Island, Canada.
Dearth, John A., A.M.; A.B. Dartmouth Coll., 1929; teacher; b: 404 Brown St., Iowa City, Iowa; h: West Upton, Massachusetts.
Edwards, John E., A.M.; B.R.E. Atlantic Union Coll., 1930; district supt., five churches; 48 Brower St., West Haven, Connecticut.
Glickman, Ada S., A.M. x
Herrick, Guy S., A.M.; Ph.D., 1934; Sc.B. Bates Coll., 1931; research chemist; b: Calco Chem. Div., Am. Cyan. Corp., Bound Brook, New Jersey; h: 155 Grant Ave., Bound Brook, New Jersey.
Houston, Charles E., A.M.; A.B. Drury Coll., 1931; Marionville, Missouri.
Johnson, Walter L., A.M.; A.B. Upsala Coll., 1931; H. S., Toms River, New Jersey.
Kingman, Celia C., A.M. (See Atwood, Mrs. Wallace W., Jr.)
Klinglof, Philip A., A.M., z
Krutzky, Martin L., A.M. z
Lemaire, Minnie E., A.M.; Ph.D., 1935; A.B. Wheaton Coll., 1930; instr., geog.; b: S. T. C., La Crosse, Wisconsin; h: 4 Kendrick Avenue, Worcester, Massachusetts.
MacKnight, Jesse M., A.M.; A.B. Pa. State Coll., 1931; Farm Security Admin.; Tygart Valley Homesteads, Elkins, West Virginia.
Means, George R., A.M.; B.Ed. Ill. State Normal Univ., 1929; exec. asst. sec., Rotary International; b: 35 E. Wacker Drive, Chicago, Ill.; h: 5330 Harper Ave., Chicago, Ill. and 516 S. Clayton St., Bloomington Illinois.

Neet, Claude C., A.M.; Ph.D., 1935; A.B. Univ. of Calif., 1930; asst. prof., psych.; b: Mass. State College, Amherst, Mass.; h: 321 Lincoln Ave., Amherst, Mass.
Pearcy, George E., A.M.; B.Ed. U. C. L. A., 1931; instr., commerce; b: Box 2241, Univ. of Ala., Tuscaloosa, Ala.; h: 1627 3rd Ave., Tuscaloosa, Alabama.
Pils, Meta H., A.M.; B.Ed. Ill. State Normal Univ., 1932; teacher, social studies; b: Sherwood, Wisc.; h: 1220 E. Grove St., Bloomington, Ill.
Poulin, Eva A., A.M.; B.Ed. Worcester S. T. C., 1931; teacher; b: 6 Franklin Ter., Southbridge, Mass.; h: 11 Clarendon St., Worcester, Massachusetts.
Richard, Dorothy E., A.M.; A.B. Wellesley Coll., 1930; teacher, hist.; b: J. E. Burke H. S., Dorchester, Mass.; h: 218 Jamaicaway, Jamaica Plains, Mass.
Riley, Stephen T., A.M. z
Roberts, M. Catherine, A.M. z
Seckler, Pearl, A.M. (See Berkley, Mrs. Louis).
Shapiro, Louis E., A.M. z
Sheftel, Milton S., A.M. z
Swett, Elmer L., A.M. z
Weymouth, Harold D., A.M. z
Wilson, Idele L., A.M. x

B.Ed.

Bowen, Grace L., B.Ed.; grad Worcester, Mass., State N. S., 1906; prin.; b: Dartmouth St., Sch. Worcester, Mass.; h: 40 Richards St., Worcester, Mass.
Callahan, Ellen G., B.Ed.; grad Worcester, Mass., State N. S., 1899; teacher; b: New Woodland St., Prep. Sch., Worcester, Mass.; h: 14 Lowell St., Worcester, Massachusetts.
Callahan, Winifred C., B.Ed.; grad Worcester, Mass., State N. S., 1903; teacher; b: Freeland St., Sch., Worcester, Mass.; h: 14 Lowell St., Worcester, Mass.
Clifford, Mae H., B.Ed.; grad Fitchburg, Mass., State N. S., 1911; 94 Pleasant St., Gardner, Massachusetts.
Cole, Mary E., B.Ed.; grad Worcester, Mass., State N. S., 1917; teacher; b: Heard St. Sch., Worcester, Mass.; h: 22 Lincoln St., Spencer, Massachusetts.
Collins, Anna B., B.Ed.; grad Plattsburg, N. Y., State N. S., 1914; 180 Archer Ave., Mt. Vernon, N. Y.
Craffey, Frances E., B.Ed.; grad North Adams, Mass., N. S., 1920; teacher; b: W. Boylston St. Sch. Worcester, Mass.; h: 67 Wachusett St., Worcester, Massachusetts.
Diggins, Grace L., B.Ed.; grad Worcester, Mass., State N. S., 1914; teacher; b: Andover St., Sch., Worcester, Mass.; h: 19 Barnard Rd., Worcester, Mass.
Diggins, Helen B., B.Ed.; grad Worcester, Mass., State N. S., 1913; teacher; b: Adams Sq. Sch., Worcester, Mass.; h: 19 Barnard Rd., Worcester, Mass.
Estabrook, Rita C., B.Ed.; grad Worcester, Mass., State N. S., 1915; asst. prin.; b: Canterbury St. Sch., Worcester, Mass.; h: 60 Perry Ave., Worcester, Massachusetts.
Healy, Mary C., B.Ed.; grad Worcester, Mass., State N. S., 1899; 1016 Main St., Worcester, Massachusetts.
King, Helen L., B.Ed.; grad Worcester, Mass., State N. S., 1913; 14 Ludlow St., Worcester, Massachusetts.
Lynch, Mary V., B.Ed.; grad Worcester, Mass., State N. S., 1921; teacher, music; b: 32 Franklin St., Worcester, Mass.; h: 58 Ames St., Worcester, Mass.
McCarthy, Margaret N., B.Ed.; grad Worcester, Mass., State N. S., 1908; teacher; 4 Montrose St., Worcester, Massachusetts.
McDonnell, Mary C., B.Ed.; grad Worcester, Mass., State N. S., 1909; teacher, music; b: Grafton St. Jr. H. S., Worcester, Mass.; h: 7 Washburn St., Worcester, Massachusetts.
McGuire, Bernice K., B.Ed.; grad Worcester, Mass., State N. S., 1918; 114 Elm St., Worcester, Massachusetts.
Ostrom, Abbie C., B.Ed.; grad Worcester, Mass., State N. S., 1912; teacher; b: Downing St. Sch., Worcester, Massachusetts h: 63 Chester Street, Worcester, Massachusetts.
Savage, Elizabeth A., B.Ed.; grad Framingham, Mass., State N. S., 1906; 55 Hitchcock St., Worcester, Massachusetts.
Sowden, Ruth V., B.Ed.; teacher; 45 Church Street, Montclair, New Jersey.
Toomey, Harry L., B.Ed.; grad Worcester, Mass., State N. S., 1917; teacher; b: Winslow St. Sch., Worcester, Massachusetts; h: 118 Lovell Street, Worcester, Massachusetts.
Walker, Carol T., B.Ed.; grad Oneonta, N. Y., State N. S., 1916; Sc.M., N. Y. State Coll. for Teachers, 1935; teacher, geog.; b: School No. 14, Troy, N. Y.; h: 28 First St., Troy, New York.
Wallace, Grace, B.Ed. x

Ph.D.

Anderson, Esther S., Ph.D.; Sc.B., 1915; A.M., 1917, and Ph.D., 1932. Univ. of Nebr.; asst. prof., geog.; b: Univ. of Nebr., Lincoln, Nebr.; h: 4414 Vine St., Lincoln, Nebraska.
Hudgins, Clarence V., Ph.D.; A.B., 1928 and A.M., 1929 Oberlin Coll.; research assoc.; b: Clarke School, Northampton, Mass.; h: 82 Hindsley St., Northampton, Massachusetts.
Kendall, Gerald M., Ph.D. z
Ruedi, Oreen M., Ph.D.; A.B. Lindenwood Coll., 1924; A.M. Smith Coll., 1926; Butte County Relief Administration, Belle Fourche, South Dakota.

CLASS OF 1933
A.B.

Adams, Lambi N., A.B.; 105 Millbury St., Worcester, Mass.
Aronovitz, Edward, A.B.; pharmacist; b: 243 Lincoln St., Worcester, Mass.; h: 450 Chandler St., Worcester, Massachusetts.
Back, Arthur W., A.B.; teacher, French; b: H. S., Holden, Mass.; h: 55 Downing St., Worcester, Massachusetts.
Beigelman, Herman, A.B.; M.D. Tufts Univ., 1937; physician; 23 Waumbeck St., Boston, Mass.
Bennett, Alfred W., A.B.; clerk; b: Vellumoid Co., Worcester, Mass.; h: 23 Sumner St., Auburn, Massachusetts.
Benson, Gordon L., A.B.; chemist; b: McLaurin Jones Co., Brookfield, Mass.; h: North Main St., W. Brookfield, Massachusetts.
Bither, Wallace F., A.B.; teacher; Sandwich, Massachusetts.
Cardinal, Raymond F., A.B.; detail man, Lederle Lab. Inc.; 533 Lake Ave., Manchester, New Hampshire.
Casale, Daniel J., A.B.; 74 Fox St., Worcester, Mass.
Cheka, Joseph S., A.B.; R.F.D. #1, Darien, Connecticut.
Colbert, Maurice J., A.B.; A.M.Ed. N. Y. S. T. C., 1934; teacher; 451 West End Ave., New York, New York.
Dworkin, Myer A., A.B.; 174 Vernon St., Worcester, Massachusetts.
Estabrook, Allen L., A.B.; clerk; b: Young's Travel Service, 23 Pearl St., Worcester, Mass.; h: Paxton, Massachusetts.
Falk, Abraham, A.B.; A.M. Univ. of Pittsburgh, 1934; social worker; b: Child Guidance Clinic, Pittsburgh, Pennsylvania; h: 5700 Munhall Road, Pittsburgh, Pennsylvania.
Ferguson, Otis C., A.B.; 14 Catalpa St., Worcester, Massachusetts.
Fine, Robert, A.B.; salesman; 398 Spring St., Fall River, Mass.
Fitzpatrick, Robert J., A.B.; Sc.M. Holy Cross Coll., 1934; chemist, proprietor; b: 22 Mill St., Worcester, Mass.; h: 2 Irene St., Worcester, Mass.
Fox, Louvane A., A.B.; M.D. Tufts Univ., 1937; physician; Winchester, New Hampshire.
French, George M., A.B.; department store, buying and selling; 1646 James St., Syracuse, N. Y.
Grimmer, Herman J., A.B. x
Hall, Perry B., A.B.; Sc.M. Western Reserve Univ., 1937; social work exec.; b: 1016 Brazos St., Houston, Tex.; h: 4018 Marquette St., Houston, Texas.
Harrison, James, A.B.; M.D. Boston Univ., 1937; D.N.B., 1938; physician; b: 120 Needham St., Dedham, Mass. and 483 Beacon St., Boston, Mass.; h: 917 West Roxbury Pkwy., Brookline, Mass.
Higginbottom, Russell W., A.B.; Riverlin St., Millbury, Mass.
Horovitz, Edward H., A.B.; sales mngr.; b: 66 Chelsea St., Charlestown, Mass.; h: 162 Seaver St., Roxbury, Massachusetts.
Howarth, George E., A.B.; 46 Arthur St., Worcester, Massachusetts.
Jaffe, Sydney, A.B.; A.M., 1934 and Ph.D., 1938, Harv. Univ., Diplome superieur, Alliance francaise, 1936; teacher; 75 Woodrow Ave., Dorchester, Mass.
Johanson, Y. Walter, A.B.; Sc.M. Western Reserve Univ., 1935; social case worker; b: 181 Franklin St., Buffalo, N. Y.; h: 2 E. Hillview Pl., Hamburg, New York.
Kabaker, Charles B., A.B.; M.D. Univ. of Mich., 1938; physician; U. S. Public Health Hospital, Lexington, Kentucky.
Karaku, Louis T., A.B.; 24 Bancroft St., Worcester, Massachusetts.
Korpi, Urho, A.B.; A.M., 1934; chemist; b: Givandan-Delawanna, Inc., Delawanna, N. J.; h: 45 River Dr., Passaic, New Jersey.
Laakso, Thomas L., (Toivo M.) A.B.; A.M., 1934; organic research chemist; b: Eastman Kodak Co., Rochester, N. Y.; h: 608 Ridgeway Ave., Rochester, New York.
McLaughlin, Theodore T., A.B.; 6 Ward St., Worcester, Mass.
Marshall, Benjamin T., Jr., A.B.; service station supervisor, Gulf Oil Co.; 461 Washington St., Winchester, Massachusetts.
Mulvey, George, A.B., Died 1939.
Parker, David J., A.B.; 4 Agawam St., Worcester, Massachusetts.

Pender, John J., A.B.; 2 Abington St., Worcester, Massachusetts.

Politsch, Lloyd B., A.B.; auditor; b: City National Bank & Trust Co., Gloversville, N. Y.; h: 76 West 8th Ave., Gloversville, New York.

Reardon, Joseph P., A.B.; gen'l. mngr.; b: Me. Potato Growers and Distributors, Washburne, Me.; h: State St., Presque Isle, Me.

Reed, Emerson C., A.B.; supervisor of adult ed.; b: Town Office Bldg., Glastonbury, Conn.; h: 2041 Main St., Glastonbury, Connecticut.

Roy, Raymond S., A.B.; A.M. Univ. of Ala., 1937; M.D. Univ. of Chicago, 1939; physician; b: U. S. Marine Hospital, Baltimore, Md.; h: 203 Park Dr., Boston, Massachusetts.

Salminen, Ilmari F., A.B.; A.M., 1934; Ph.D., 1936; research chemist, Vat Dyes; 119 West Franklin St., Bound Brook, N. J.

Seligson, Isaac, A.B.; A.M., 1933; 115 Beach 62nd St., Averne, Long Island, New York, N. Y.

Smith, Harold K., A.B.; 420 Maple St., Danvers, Massachusetts.

Snape, William J., A.B.; A.M. Univ. of Pa., 1935; med. student; b: Jefferson Med. Coll., 1025 Walnut St., Phila., Pa.; h: Black Horse Pike, Runnemede, New Jersey.

Steiman, Solomon E., A.B.; A.M., 1935 and Ph.D., 1936, Boston Univ.; physiologist; 364 Riverway, Boston, Massachusetts.

Steinhilber, Gustav W., A.B.; 158 Pleasant St., Norwood, Mass.

Stevens, James M., A.B.; 1 Russell St., Worcester, Massachusetts.

Strub, George R., A.B.; teacher, English; b: Plainfield H. S., Plainfield, N. J., h: 1121 St. Mark's Place, Plainfield, N. J.

Sullivan, Leo V., A.B.; 604 Main St., Worcester, Massachusetts.

Sundberg, Oliver E., A.B.; A.M., 1934; 130 West St., Gardner, Massachusetts.

Tosi, Ernest A., A.B.; A.M. N. Y. State Coll., 1934; teacher, science, hist.; b: Shrewsbury, Mass.; h: 4 Northampton St., Worcester, Massachusetts.

A.M.

Adams, Dorothy, A.M. (See Moore, Mrs. Carl V.).

Altman, Mrs. O. R. (Hall, Charlotte E.) A.M.; A.B. Univ. of Minn., 1929; psychologist; b: Child Study Dept., Minn. School Dept., Minneapolis, Minnesota; h: 727 15th Avenue, S. E., Minneapolis, Minnesota.

Beitel, Robert J., Jr., A.M.; Ph.D. 1935; O.D. Pa. State Coll. of Optometry, 1928; A.B. Temple Univ., 1932; scientist; b: American Optical Co., Southbridge, Mass.; h: 140 Hamilton St., Southbridge, Massachusetts.

Berengarten, Sidney, A.M.; A.B. Wash. Sq. Coll., N. Y. Univ.; asst. case supervisor; b: N. Y. Dept. of Public Welfare, 902 Broadway, New York, N. Y.; h: 8223 Bay Pkwy., Brooklyn, N. Y.

Brown, Robert H., A.M.; Ph.D., 1935; A.B. Wesleyan Univ., 1932; asst. prof., psych.; b: Clark Univ., Worcester, Mass.; h: 7 Brookline St., Worcester, Mass.

Chapin, Milan A., A.M.; Ph.D., 1935; B.Sc. Bates Coll., 1932; M.D. Boston Univ., 1939; intern; C.M. B: Hospital, Lewiston, Maine

Cohen, Fannie B., A.M.; B.Ed. Worcester S. T. C., 1932; 23 Mendon St., Worcester, Mass.

Collins, Gertrude R., A.M.; A.B. Toledo Univ., 1932; supervisor, clerical projects; b: N. Y. A., District #1, 1002 Adams St., Toledo, Ohio; h: 56 Nevada St., Toledo, Ohio.

Dahl, Randle E., A.M. z

Darkenwald, Gordon G., A.M.; Ph.D., 1934; A.B., S. T. C. Valley City, N. D.; instr.; b: Hunter Coll., New York, N. Y.; h: 2647 Sedgwick Ave., Bronx, New York.

Donabedian, Sarkis M., A.M. z

Durham, Walter A., Jr., A.M.; A.B. Reed Coll., 1932; fellow in govt. management; b: Univ. of Denver, Portland, Oregon; h: 3937 N. E. Laddington Ct., Portland, Oregon.

Foraker, Elaine K., A.M. (See Kemp, Mrs. Edward H.).

Franklin, Gladys, A.M.; Sc.B. N. Y. Univ., 1932; 389 E. 198th St., New York, N. Y.

Grodberg, Emil H., A.M.; A.B. Bowdoin Coll., 1932; 112 Elm St., Worcester, Massachusetts.

Guthrie, Mrs. Robert F. (Waites, Sara F.) A.M.; A.B. Randolph-Macon, 1930; LL.B., Univ. of Ala., 1938; E-5 College Apts., Rochester, Minnesota.

Hall, Charlotte E., A.M. (See Altman, Mrs. O. R.).

Henderson, Mildred A., A.M.; B.Ed. Boston Univ., 1922; teacher b: H. S., Wayland, Mass.; h: 30 Tower St., Worcester, Mass.

Hines, Anna G., A.M.; Sc.B. Univ. of Dayton, 1930; 31 Beaver St., Worcester, Massachusetts.

Holmgren, Axel V., A.M. z

Kemp, Mrs. Edward H. (Foraker, Elaine K.) A.M.; A.B. Univ. of Pittsburgh, 1932; 135 Williams St., Providence, Rhode Island.

Larson, Evert J., A.M.; A.B. Yale Coll., 1931; 45 Park St., West Haven, Connecticut.

McPherson, George S., A.M.; A.B. Univ. of B. C., 1932; salesman; b: Phoenix Mutual Ins. Co., 332 Main St., Worcester, Mass.; h: 9 Bowdoin St., Worcester, Mass.

Moore, Mrs. Carl V., (Adams, Dorothy) A.M.; A.B. Western Coll. for Women, 1932; 6944 Pershing St., University City, Missouri.

Moran, John F., Jr., A.M. z

Neary, Michael T., A.M.; A.B. Holy Cross Coll., 1926; teacher; b: H. S., Millbury, Mass.; h: 205 Park Ave., Worcester, Mass.

Newman, Sidney H., A.M.; Ph.D., 1935; A.B. Wash. and Lee Univ., 1932; Mich. State Coll., East Lansing, Michigan.

O'Donnell, Eleanor M., A.M.; A.B. Radcliffe Coll., 1932; 315 Salisbury St., Worcester, Mass.

Raffel, Gertrude A.M. (See Schneidler, Gertrude R.)

Salminen, Wilho M., A.M. z

Schneidler, Gertrude R., (Raffel, Gertrude) A.M.; A.B. Smith Coll., 1932; Ph.D. Radcliffe Coll., 1935; statistician; b: 67 W. 47th St., New York, N. Y.; h: 260 Milford Ave., New Milford, New Jersey.

Seligson, Isaac, A.M. z

Shaw, William P., A.M.; A.B. Dartmouth Coll., 1932; 32 June St., Worcester, Massachusetts.

Shea, Joseph M., A.M. z

Shipman, Fred W., A.M. z

Simpson, Robert B., A.M.; A.B., 1931 and B.Ed., 1932 Univ. of N. D.; instr., geog.; Univ. of Rochester, Rochester, New York.

Slopak, Abraham, A.M. z

Smith, Joseph R., A.M.; Ph.D., 1935; A.B. Univ. of Pittsburg, 1932; instr., neurology; b: Neurological Inst., New York, N. Y.; h: 3900 Greystone Ave., Riverdale, New York.

Somers, William H., A.M. z

Sumner, Alfred R., A.M.; A.B. Yale Coll., 1931; teacher, geog. and general science, Gilmanton, North Dakota.

Sweeney, Eugene M., A.M.; A.B. Holy Cross Coll., 1930; mngr.; b: Mass. State Employment Service, Athol, Mass.; h: 42 Duxbury Rd., Worcester, Massachusetts.

Thomas, Albert R., A.M.; A.B. Coll. of City of Detroit, 1932; 857 W. Philadelphia St., Detroit, Michigan.

Thompson, Tillie M., A.M.; A.B. Kenka Coll., 1925; B.L.S. Syracuse Univ., 1938; school librarian; Marcellus, New York.

Waites, Sara F., A.M. (See Guthrie, Mrs. Robert F.).

Walsh, Vincent M., A.M. z

Whitehouse, Karl C., A.M. z

Wilson, Walter C., A.M.; Ph.D., 1939; A.B. Univ. of Nevada, 1931; instr., econ.; b: Univ. of Del., Newark, Del.; h: 1 Orchard Rd., Newark, Delaware.

B.Ed.

Cahill, Mrs. William J., (Converse, Anne) B.Ed.; grad Worcester, Mass., State N. S., 1922; 37 Burncoat St., Worcester, Mass.

Carey, Helen M., B.Ed.; grad Worcester, Mass., State Normal Sch., 1917; 30 Maywood St., Worcester, Massachusetts.

Converse, Anne, B.Ed. (See Cahill, Mrs. William J.).

Cotterel, Mary E., B.Ed.; grad W. Chester, Pa., N. S., 1924; teacher, geog., hist.; b: Tenth and Green Sch., Reading, Pa.; h: 6 Upland Rd., Wyo. Hills, West Lawn, Pennsylvania.

Denton, Joshua W., B.Ed.; B.D. Gordon Coll., 1936; clergyman; 178 Cedar St., New Bedford, Massachusetts.

Healey, Gertrude F., B.Ed.; grad Salem, Massachusetts, State N. S., 1902; teacher; b: Dix St. School, Worcester, Mass., h: 65 Chatham St., Worcester, Massachusetts.

Kennedy, Irene M., B.Ed.; grad Worcester, Mass., State N. S., 1911; 21 Marion Ave., Worcester, Massachusetts.

Kilton, Dorothy G., B.Ed.; teacher, art; b: Girls Trade Sch., Worcester, Mass.; h: 17 Claremont St., Worcester, Massachusetts.

McCormack, Frances, B.Ed. (See Mulcahy, Mrs. Frances). x

Moyer, Josephine C., B.Ed.; grad Keystone State N. S., 1917; instr., museum; b: Public Museum and Art Gallery, Reading, Pa.; h: 917 N. Front St., Reading, Pa.

Mulcahy, Mrs. Frances (McCormack, Frances) B.Ed. x

Nelson, Florence A., B.Ed.; grad Fitchburg, Mass., State N. S., 1917; 43 Nutting St., Fitchburg, Massachusetts.

Sayle, Harriet A., B.Ed.; grad Worcester, Mass., State N. S., 1898; 5 Moore Ave., Worcester, Massachusetts.

Sayle, Mary E., B.Ed.; grad Worcester, Mass., State N. S., 1902; 5 Moore Ave., Worcester, Mass.

Ward, Mary L., B.Ed.; grad Worcester, Mass., State N. S., 1920; teacher; b: Downing St. Sch., Worcester, Mass.; h: 3 Maywood Pl., Worcester, Massachusetts.

ALUMNI

Ph.D.

Casper, Barry, Ph.D. x
Edman, V. Raymond, Ph.D. z
Haines, C. Grove, Ph.D. z
Heath, Herschel, Ph.D. z
Levine, Robert, Ph.D. z
Milstead, Harley P., Ph.D. z
Morrison, Hugh M., Ph.D. z
Primmer, George H., Ph.D.; B.Ed. Ill. State Normal Univ., 1921; Sc.M. Univ. of Chicago, 1923; teacher, head, dept., geog.; b: S. T. C., Duluth, Minn.; h: 403 E. Oxford St., Duluth, Minnesota.
Shaw, Earl B., Ph.D.; B.B.A., 1927 and Sc.M., 1929, Wash. Univ.; prof.; b: S. T. C., Worcester, Mass.; h: 7 Hawthorne St., Worcester, Massachusetts.
Stewart, Mary E., Ph.D.; B.Ed. Univ. of Pa., 1918; A.M. Smith Coll., 1920; 7532 Bond Ave., Highland Pk., Upper Darby, Pa.
Winslow, Guy H., Ph.D. z

CLASS OF 1934

A.B.

Anish, Alfred W., A.B.; 7 Moen St., Worcester, Massachusetts.
Atwood, Robert B., A.B.; editor and publisher; Anchorage Times Publishing Co., Anchorage, Alaska.
Backstrom, Arthur R., A.B.; A.M., 1935; organic research chemist; b: American Optical Co., Southbridge, Mass.; h: 54 Berlin St., Auburn, Massachusetts.
Barkhouse, Arthur J., Jr., A.B.; b: General American Transportation Corp., Carteret, N. J.; h: 58 Pleasant St., Brookline, Mass.
Bassinov, Saul, A.B.; A.M. McGill Univ., 1935; editor; b: 1416 Mass. Ave., Cambridge, Mass.; h: 231 Park Dr., Boston, Mass.
Bishop, Harold M., A.B.; sales representative; b: 1025 Southbridge St., Worcester, Mass.; 135 Quinapoxet Lane, Worcester, Massachusetts.
Brierly, William B., A.B.; A.M., 1936; research asso.; b: Grad. Sch. of Geog., Clark Univ., Worcester, Massachusetts; h: 13 Hawthorne Street, Millbury, Massachusetts.
Brooker, Maurice, A.B.; 383 Beacon St., Boston, Mass.
Butler, Philip E., A.B.; M.B.A. Harv. Univ., 1936; salesman; 8 Benefit Ter., Worcester, Mass.
Carpenter, Thomas P., A.B.; A.M. Stanford Univ., 1939; student; b: Stanford Univ., Palo Alto, Calif.; h: 218-b Waverley St., Palo Alto, California.
Clark, Hugh D., A.B.; Pawling, N. Y.
Collins, Edward R., A.B., Died 1936.
Crane, Lloyd E., A.B.; A.M., 1935; teacher; b: H. S., Waitsfield, Vt.; h: Box 229, Waitsfield, Vt.
Downey, Joseph D., A.B.; insurance agent; 238 Webster St., Worcester, Massachusetts.
Ellis, Ralph F., A.B.; collector, Electrolux, Inc., 77 Kenduskeag Ave., Bangor, Maine.
Forrest, Edward L., A.B.; church verger and sexton, Stockbridge, Massachusetts.
French, Wellington A., A.B.; mngr., W. T. Grant Co.; 57-59 East 7th St., St. Paul, Minnesota.
Gallagher, Cleon W., A.B. (See Goodrich, Cleon W.)
Goodrich, Cleon W. (Gallagher, Cleon W.) A.B.; Liberty Mutual Insur. Co., 10 East 40th St., New York, N. Y.
Graham, Boynton, A.B.; Ph.D., N. Y. Univ., 1937; research chemist; b: DuPont Experimental Station, Wilmington, Del.; h: 802 N. Franklin St., Wilmington, Del.
Graham, Vincent P. (Gruzdis, Vincent P.) A.B.; M.D. Harv. Med. Sch., 1938; resident in roentgenology; b: Univ. of Chicago Clinics, Chicago, Ill.; h: 39 Canton St., Worcester, Massachusetts.
Gruzdis, Vincent P., A.B. (See Graham, Vincent P.).
Hemenway, Everett M., A.B.; A.M. Teachers' Coll., Columbia Univ., 1939; teacher, West Hartford, Conn. 199 So. Main St., West Hartford, Connecticut.
Hodge, Walter H., A.B.; Sc.M. Mass. State Univ., 1936; instr., botany; Amherst, Mass. On leave for study at Harvard Univ., Boston, Massachusetts.
Holter, Richard N., A.B.; underwriter; b: Liberty Mutual Ins. Co., 10 E. 40th St., New York, N. Y.; h: 36-40 Bowne St., Flushing, L. I., New York.
Johnson, Charles F., A.B.; A.M., 1935; research asst.; b: Council on Foreign Relations, 45 East 65th St., New York, N. Y.; h: 15 Harvard Street, Worcester, Massachusetts.
Johnson, Wendell J., B.A.; teacher; b: H. S. of Commerce, Worcester, Mass.; h: 15 Knox St., Worcester, Massachusetts.
Kaneb, Kenneth A., A.B.; exec., petroleum industry; b: Putnam Lane, Worcester, Massachusetts; h: 344 Salisbury Street, Worcester, Massachusetts.
Kayer, Donald A., A.B.; 54 Dover St., Worcester, Massachusetts.
Lehtinen, Paul J., A.B.; 2 Ashton St., Worcester, Massachusetts.

Leighton, Herbert T., A.B.; M.D., Harv. Univ., 1938; physician; b: Boston City Hospital, Boston, Mass.; h: 2 Acorn Rd., Brookline, Massachusetts.

Levine, George, A.B.; 1015 E. 28th St., Brooklyn, New York.

McCauley, Byron F., A.B.; 61 Daly Ave., Dalton, Massachusetts.

Malkiel, Saul, A.B.; A.M. Boston Univ., 1936; student; 28 Astoria St., Mattapan, Mass.

Moss, Paul F., A.B.; 2 Arletta Ave., Worcester, Massachusetts.

Nelson, James S., A.B., asst. metallurgist; Highland St., Holden, Massachusetts.

Oberg, Ernest V., A.B.; teacher; b: Norwich Free Acad., Norwich, Conn.; h: 3 Maple Grove Ave., Norwich, Connecticut.

O'Connor, John F., A.B.; 67 Oread St., Worcester, Mass.

Ohrn, Roy A., A.B.; A.M. Middlebury Coll., 1938; teacher; b: Northwood Sch., Lake Placid Club, N. Y.; h: 38 Mill St., Worcester, Massachusetts.

Reynolds, James B., A.B.; 142 Wildwood Ave., Worcester, Mass.

Rosvall, Toivo D., A.B.; A.M.Ed. 1938; 197 Eastern Ave., Worcester, Massachusetts.

Russell, William F., A.B.; A.M., 1935; student; 227 First St. N.E., Washington, D. C.

Sandman, Jordan P., A.B.; D.D.S. Univ. of Ill., 1939; dentist; 20 Berkmans St., Worcester, Mass.

Shachoy, Gordon R., A.B.; 143 Kilsyth Rd., Brookline, Mass.

Shappy, Roland F., A.B.; Sutton, Millbury, Massachusetts.

Slopak, Elias, A.B.; agent; b: Metropolitan Life Ins. Co., 915 Main St., Willimantic, Conn.; h: 54 Lebanon Ave., Colchester, Connecticut.

Smart, Lyndwode N. L., A.B.; teacher, English; b: South H. S., Worcester, Mass.; h: 15 Wilkinson St., Worcester, Massachusetts.

Smith, Nathan J., A.B.; 133 Grove St., Chelsea, Massachusetts.

Smithline, A. Joseph A.B.; student, teacher and exec. sec.; b: Newark Prep. Sch., 1004 Broad St., Newark, N. J.; h: 2 Stratford Place, Newark, N. J.

Talbot, Russell P., A.B.; social worker; b: Board of Public Welfare, Worcester, Mass.; h: 40 Arbutus Rd., Worcester, Mass.

Tappan, Paul W., A.B.; instr., Dept. of Sociology, Miami Univ., Oxford, Ohio.

Tashjian, Berge C., A.B.; LL.B. Harv. Univ., 1937; atty., b: 332 Main St., Worcester, Mass.; h: 807 Main St., Worcester, Mass.

Taylor, Richard C., A.B.; South Rd., Spencer, Massachusetts.

Turner, Stanley G., A.B.; teacher, French; Box 43, Middlefield, Mass.

Walker, Donald A., A.B.; M.D. Tufts Med. Sch., 1938; interne; b: Municipal Hospital, Hartford, Conn.; h: 33 Montague St., Worcester, Massachusetts.

Westerholm, Roland J., A.B.; sales adjuster; b: Norton Co., 1 New Bond St., Worcester, Mass. h: 5 Hockanum Way, Worcester, Mass.

Whitman, Howard G., A.B.; janitor; b: Clark University, Worcester, Mass.; h: 66 Beaver St., Worcester, Massachusetts.

Wilder, Frederick H., Jr., A.B.; LL.B. Northeastern Univ., 1938; banker; b: Federal Reserve Bank of Boston, 30 Pearl St., Boston, Mass.; h: 29 Boynton St., Waltham, Massachusetts.

Wilson, Sydney E., A.B. x

Young, Benjamin C., A.B.; life insurance agent; b: 32 Franklin St., Worcester, Mass.; h: 63 Harlem St., Worcester, Mass.

Zarrow, Myer X., A.B.; A.M., 1936; pharmacologist asst.; b: Hoffman-La Roche, Nutley, N. J.; h: 18 James St., Newark, N. J.

A.M.

Allen, Agnes M., A.M.; Ph.D., 1937; B.Ed. Ill. State Normal Univ., 1924; A.M. S. T. C., Greeley, Colo., 1925; assoc. prof., ed. and geog.; S. T. C., Flagstaff, Arizona.

Blomfield, Carl J., A.M.; A.B. Wayne Univ., 1932; teacher; b: Palmer Sch., Detroit, Mich.; h: 14045 Cherrylawn, Detroit, Mich.

Brearley, Robert G., A.M.; A.B. Ohio Wesleyan Univ., 1932; teacher; b: Commerce H. S., Worcester, Mass.; h: 3 Dewar Dr., Worcester, Massachusetts.

Carls, John N., A.M.; Ph.D., 1935; B.Ed. Ill. State Normal Univ., 1932; asst. prof., geog.; Ore. Coll. of Ed., Monmouth, Oregon.

Collins, Fred J., A.M.; A.B. Univ. of Nevada, 1932; 2540 LeConte Ave., Berkeley, California.

Duprey, Dorothea M., A.M. (See Smith, Mrs. J. Sheppard, Jr.).

Howarth, Margery D., A.M.; A.B. Wayne Univ., 1933; teacher, geog.; b: Washington Sch., Wyandotte, Mich.; h: 407 California Ave., Royal Oak, Michigan.

Inman, Walter G., A.M.; Ph.D., 1939; A.B. Simpson Coll., 1933; prof., hist., political science; b: Stephens Coll., Columbia, Mo.; h: 615 Burton Avenue, Eureka, Illinois.

Kaufman, Mrs. Edith R., A.M.; B.Ed. Worcester S. T. C., 1933; 9 Commodore Rd., Worcester, Mass

Kennedy, Kathleen M., A.M.; B.Ed. Worcester S. T. C., 1932; 3 Channing Way, Worcester, Mass.

King, Willis L., A.M.; B.R.E. Atlantic Union Coll., 1932; teacher, hist.; Union Springs Academy, Union Springs, N. Y.

Korpi, Urho, A.M. z

Laakso, Thomas L. (Toivo M.) A.M. z

Lotven, Jacob, A.M.; A.B. Drury Coll., 1933; Springfield, Mo.

Miller, Eugene H., A.M.; A.B. Ursinus Coll., 1933; instr., hist. and political science; b: Ursinus Coll., Collegeville, Pa.; h: 203 Ninth Ave., Collegeville, Pennsylvania.

Mulvey, George, A.M., Died 1939.

Parson, Ruben L., A.M.; B.Ed. S. T. C., Moorehead, Minn.; 1932 head dept., geog.; S. T. C., Troy, Alabama.

Pico, Rafael, A.M.; Ph.D., 1938; A.B. Univ. of Puerto Rico, 1932; instr., geog.; b: The Catholic Univ. of Am., Wash., D. C.; h: 3725 12th St., N.E., Washington, D. C.

Riggs, Lorrin A., A.M.; Ph.D., 1936; A.B. Dartmouth Coll., 1933; instr.; b: Univ. of Vt., Burlington, Vt.; h: 514 St. Paul St., Burlington, Vermont.

Robinson, Virginia M., A.M.; B.Ed. Univ. of Pa., 1933; teacher; 502 E. Broad St., Westfield, N. J.

Rubin, Morton A., A.M.; Ph.D. 1936; A.B. Harv. Univ., 1931; neurophysiologist; b: Worcester State Hospital, Worcester, Mass.; h: 297 Belmont St., Worcester, Mass.

Ryan, Philip E., A.M.; A.B. Holy Cross Coll., 1933; teacher; b: Worcester Vocational Sch., Worcester, Mass.; h: 12 Vassar St., Worcester, Massachusetts.

Salminen, Ilmari F., A.M. z

Smith, Mrs. J. Sheppard, Jr. (Duprey, Dorothea M.) A.M.; A.B. Smith Coll., 1929; 4920a McPherson Street, St. Louis, Missouri.

Smith, M. Winifred, A.M.; B.Ed. Worcester S. T. C., 1934; teacher; geog.; b: H. S., Sherrill, New York; h: 311 Kinsley St., Sherrill, New York.

Stautz, Althea C., A.M.; B.Ed. S. T. C., Valley City, N. D., 1929; Devil's Lake, N. D.

Stavrianos, Leften S., A.M.; Ph.D., 1937; A.B. Univ. of B. C., 1933; instr.; Smith Coll., Northampton, Massachusetts.

Stevens, Frank P., A.M. z

Sundberg, Oliver E., A.M. z

Tangney, Robert A., A.M.; A.B. Holy Cross Coll., 1932; teacher; b: Providence St. Jr. H. S., Worcester, Mass.; h: 8 Mayfair St., Worcester, Massachusetts.

Tobin, Irwin M., A.M.; Sc.B. Tufts Coll., 1933; A.M. Fletcher Sch. of Law and Diplomacy, 1935; exec. sec.; b: 32 Westminster St., Providence, R. I.; h: 34 Arnold St., Providence, Rhode Island.

B.Ed.

Delaney, Mrs. Mary F., B.Ed.; grad Worcester, Mass., State N. S., 1913; teacher; b: E. Kendall St. Sch., Worcester, Mass.; h: 40 Kingsbury St., Worcester, Massachusetts.

Feeley, Katherine R., B.Ed.; grad Worcester, Mass., State N. S., 1926; teacher, classes for deaf; b: Upsala St. Sch., Worcester, Mass.; h: 104 Plantation St., Worcester, Massachusetts.

Illingworth, Mrs. Robert S. (Selma K.) B.Ed.; grad Indiana, Pa., State N. S., 1908; 209 Lovell St., Worcester, Massachusetts.

Lee, Alice J., B.Ed.; grad Worcester, Mass., State N. S., 1907; 139 Coolidge Rd., Worcester, Mass.

Lombard, Mildred A., B.Ed.; grad Worcester, Mass., State N. S., 1917; 96 Woodland St., Worcester, Massachusetts.

McManus, Elizabeth S., B.Ed.; grad Worcester, Mass., State N. S., 1912; asst. prin.; b: Oxford St. Sch. Worcester, Mass.; h: 25 Vassar St., Worcester, Mass.

Moran, Helen G., B.Ed.; grad Worcester, Mass., State N. S., 1910; teacher; b: School Dept., Worcester, Mass.; h: West Boylston, Massachusetts.

Nagle, Mary E., B.Ed.; grad Worcester, Mass., State N. S., 1907; 138 June St., Worcester, Mass.

Ph.D.

Botts, Adelbert K., Ph.D. z

Corey, Albert B., Ph.D.; A.B., 1922 and A.M., 1923; Acadia Univ.; A.M. Harv. Univ., 1924; teacher, head of dept. of hist., govt.; b: St. Lawrence Univ., Canton, N. Y.; h: 42 E. Main St., Canton, New York.

Darkenwald, Gordon G., Ph.D. z

Ekblaw, Sidney E., Ph.D.; A.B., 1929 and Sc.B., 1930 Univ. of Ill., asst. prof.; b: Univ. of Kansas City, Mo.; h: 6127 Kenwood Ave., Kansas City, Missouri.

Erickson, Albert C., Ph.D. z

Gibson, J. Sullivan, Ph.D.; A.B. Abilene Christian Coll., 1926; Ph.M. Univ. of Wisc., 1929; prof., geog.; S.T.C., Livingston, Ala.

Herrick, Guy S., Ph.D. z

Holdcamper, Forrest R., Ph.D.; A.B. 1928 and A.M. 1932, Univ. of Nev.; asst. chief; b: The National Archives, Wash., D. C.; h: 4585 Conduit Rd., Washington, D. C.

Karn, Harry W., Ph.D.; Sc.B. Muskingum Coll., 1929; A.M., Univ. of Pittsburgh, 1931; instr., psych.; b: Univ. of Pittsburgh, Pittsburgh, Pa.; h: 2627 Mackinaw Ave., Pittsburgh, Pa.

Kemp, Edward H., Ph.D.; A.B. Wake Forrest Coll., 1928; 135 Williams St., Providence, R. I.

Tatham, George, Ph.D.; A.B. Univ. of Liverpool, 1929; Univ. lecturer; University Coll., Hull, E. Yorkshire, England.

CLASS OF 1935
A.B.

Allan, W. Scott, A.B.; insurance adjuster; 3 Arnold Ave., Oceanside, L. I., New York.

Arsenault, Philip E., A.B.; A.M.Ed., 1937; Diplôme d'Etudes Française, Univ. de Lille, France, 1936; teacher; b: Worcester Academy, Worcester, Massachusetts; h: 38 Bowdoin St., Worcester, Mass.

Beeber, Raymond A., A.B.; 11 West Oberlin St., Worcester, Mass.

Berthiaume, Gerard M., A.B.; barber and town treas.; b: 22 Mechanic St., Spencer, Mass.; h: 52 Ash St., Spencer, Massachusetts.

Bolduc, Robert A., A.B.; M.D. Tufts Med. Sch., 1939; house officer; b: Beverly Hospital, Beverly, Mass.; h: 7 Chrome St., Worcester, Massachusetts.

Brown, Earle, Jr., A.B.; restauranteur; 1325 Elizabeth St., Brownsville, Texas.

Burwick, Maurice J., A.B.; 117 Day St., Fitchburg, Massachusetts.

Carpenter, Philip L., A.B.; student; b: Stanford Univ., Stamford Univ., Calif.; h: 218 B. Waverly St., Palo Alto, Calif.

Carroll, Arthur W., A.B. x

Clark, Burton E., A.B.; teacher; 45 South Main St., Millbury, Massachusetts.

Cohn, Charles B., A.B.; Ed.M. Boston Teacher's Coll., 1936; Teacher; 33 Highgate St., Allston, Massachusetts.

Conant, Alvah J., A.B.; auto sales dept.; Liberty Mutual Insur. Co., 20 Clinton Street, Newark, New Jersey.

Cutler, Norman G., A.B.; office mngr.; 59 Central St., Southbridge, Massachusetts.

Domblatt, Herman, A.B. (See Dorn, Herman).

Dombrosk, Harry F., A.B.; M.B.A. Harv. Univ., 1937; real estate management; Spencer, Mass.

Dorn, Herman (Domblatt, Herman) A.B.; A.M., 1936; Ph.D., 1938; b: 1142 Lincoln Ave., Toledo, Ohio; h: 1019 Branleigh Dr., Toledo, Ohio.

Erickson, Roland A., A.B.; A.M. Tufts Univ., 1937; economist; b: Norton Co., Worcester, Mass.; h: 33 Beaver St., Worcester, Massachusetts.

Glaude, Paul M., A.B.; instr., French; b: Cape Elizabeth H. S., Me.; h: 23 Foss St., Biddeford, Maine.

Glidden, Walter D., Jr., A.B.; marketing agent; 34 Butler Pl., New York, N. Y.

Goldenburg, Alfred, A.B., Died 1937.

Gould, David M., A.B.; 59 Vale St., Worcester, Mass.

Goulding, John P., A.B.; A.M., 1936; Ph.D., 1938; River St., Leicester, Massachusetts.

Grout, Milton L., A.B.; M.B.A. Harv. Univ., 1938; asst. comptroller; 7 Silver St., South Hadley, Massachusetts.

Hagemann, Hans H., A.B.; A.M. Univ. of Wisc., 1937; assoc. prof., dept. of languages and literatures; b: Univ. of Kansas, Lawrence, Kans.; h: 936 Missouri St., Lawrence, Kansas.

Hall, Oliver R., A.B.; salesman; b: 321 W. Boylston St., Worcester, Mass.; h: 29 Gosnold St., Worcester, Mass.

Hirtle, John R., A.B.; 6 West Main St., Brookfield, Mass.

Hoar, Walter A., A.B.; 82 Woodland St., Worcester, Massachusetts.

Lisk, George F., A.B., A.M., 1937; research chemist; b: 351 Abbott Rd., Buffalo, New York; h: 42 Wade Ave., Buffalo, New York.

Menard, Roland J., A.B.; research chemist; 18 Norton St., Newburgh, New York.

Moore, Norman B., A.B.; steward; 83 Carroll St., Portland, Me.

O'Neil, Richard J., A.B., Died 1938.

Palmer, Franklyn G., A.B.; asst. editor; b: Prentice-Hall, Inc. 70 5th Ave., New York, N. Y.; h: Apt. 44, 325 W. 93rd St., New York, New York.

Perman, Maxwell L., A.B.; D.D.S. Tufts Dental School, 1939; 15 Windsor Street, Worcester, Massachusetts.

Porter, David R., A.B.; financial correspondent; b: Babson's Reports, Inc., Babson Park, Massachusetts; h: 64 Prospect Street, Wellesley Hills, Massachusetts.

Prescott, Milton E., A.B. x

Riley, James L., A.B.; b: Mass. Protective Assoc., Inc., 18 Chestnut St., Worcester, Mass.; h: 44 Cedar St., Worcester, Mass.

Russell, Roger W., A.B.; A.M. 1936; Ph.D. Univ. of Va., 1939; prof., psych.; 223 Social Science Hall, Univ., of Nebr., Lincoln, Nebraska.

Spencer, Roger B., A.B.; clerk and salesman; b: 45 Arctic St., Worcester, Mass.; h: 430 Chandler St., Worcester, Mass.

Sukaskas, Vitold, A.B.; A.M., 1937; Dept. of Biology, Cornell Univ., Ithaca, New York.

Trumbull, John T., A.B.; 26 Cochran St., Chicopee Falls, Mass.

Varg, Paul A., A.B.; A.M., 1937; 604 West 26th St., Kearney, Nebr.

Williams, Arthur R., A.B.; teacher; b: H. S., Dalton, Mass.; h: 171 West Housatonic St., Dalton, Mass.

A.M.

Backstrom, Arthur R., A.M. z

Blomfield, Mrs. Carl J. (Grady, Gertrude) A.M.; B.Ed. Worcester S. T. C., 1933; 14,045 Cherrylawn, Detroit, Michigan.

Burns, Kathleen M., A.M.; A.B. Radcliffe Coll., 1934; 185 Highland St., Worcester, Massachusetts.

Coddington, Edwin B., A.M.; Ph.D., 1939; A.B. Dartmouth Coll., 1929; instr.; b: Teacher's Coll., New Britain, Conn.; h: 1600 Stanley St., New Britain, Connecticut.

Colangelo, Robert C., A.M. (See Cole, Robert C.).

Cole, Robert C. (Colangelo, Robert C.) A.M.; A.B. Syracuse Univ., 1929; director of guidance; b: Boy's Club, Worcester, Mass.; h: 5 Norcross St., Worcester, Mass.

Cotton, Lois A., A.M.; A.B. Wheaton Coll., 1934; 116 Alvarado St., Worcester, Massachusetts.

Crane, Lloyd E., A.M. z

Denmark, Hyman S., A.M.; Sc.B. Mass. State Coll., 1934; physicist; 77 St. James Ave., Holyoke, Mass.

Fitzgerald, Harold J., A.M.; A.B. Brigham Young Univ., 1933; accountant; Draper, Utah.

Goldman, Rosaline, A.M.; B.Ed. Worcester S. T. C., 1935; psychometrist; b: Boston Psychopathic Hospital, Boston, Mass.; h: 74 Fenwood Rd., Boston, Mass.

Grady, Gertrude, A.M. (See Blomfield, Mrs. Carl J.)

Green, Frances, A.M.; A.B. Conn. Coll., 1926; 55 Holman St., Shrewsbury, Massachusetts.

Johnson, Charles F., A.M. z

Keenlyside, William M., A.M.; Ph.D., 1938; A.B. Univ. of B.C., 1934; 6188 Angus Dr., Vancouver, B. C., Canada.

Kennedy, Anne P., A.M.; B.Ed. Worcester, S. T. C., 1933; 3 Channing Way, Worcester, Mass.

Kirkendall, Walter E., A.M.; A.B. Simpson Coll., 1933; instr., geol.; Univ. of Colo., Boulder, Colorado.

Lynch, George F., A.M.; A.B. Holy Cross Coll., 1933; 38 King St., Worcester, Massachusetts.

Mahoney, Marie P., A.M.; B.Ed. Worcester S. T. C., 1934; instr.; b: Bridgewater S. T. C., Bridgewater, Mass.; h: 18 Sturgis St., Worcester, Massachusetts.

Matchett, Gerald J., A.M.; Ph.D., 1939; A.B. Univ. of Colo., 1934; instr., econ.; Ind. Univ., Bloomington, Indiana.

Petke, Frederick E., A.M.; Sc.B. Bates Coll., 1934; research chemist; b: Calco Chemical Co., Bound Brook, N. J.; h: 543 Longwood Ave., Bound Brook, N. J.

Russell, William F., A.M. z

Schreiber, Frederick A., A.M.; A.B. Colby Coll., 1934; 5860 De Giverville Ave., St. Louis, Missouri.

Simmons, Mrs. Anna G. E., A.M. z

Sullivan, George P., A.M.; A.B. Holy Cross Coll., 1932; 13 Hancock St., Worcester, Mass.

B.Ed.

Bacon, Ruth I., B.Ed.; grad Worcester, Mass., State N. S., 1907; teacher; 12 May St., Worcester, Massachusetts.

Doyle, Margaret M., B.Ed. (See Rhodes, Mrs. E. J.)

Ginn, Addie M., B.Ed.; grad Worcester, Mass., State N. S., 1898; teacher; 26 Hapgood Rd., Worcester, Massachusetts.

Haines, Ethel, B.Ed.; grad New Poltz, N. Y., N. S., 1917; librarian; b: Hope Farm, N. Y.; h: R. F. D. 2, Catskill, New York.

Kirby, A. Florence B.Ed.; grad Quincy, Mass., N. S.; Ed.M. Boston Univ., 1937; prof., English; b: S. T. C., Lowell, Mass.; h: 52 Livingston Ave., Lowell, Massachusetts.

Koloseike, Mrs. Mary U. (Underhill, Mary T.) B.Ed.; grad Plymouth, N. H., N. S., 1924; home exec.; 112 Maplehurst Rd., Rochester, N. Y.

Rhodes, Mrs. E. J. (Doyle, Margaret M.) B.Ed.; grad Worcester, Mass., State N. S., 1923; 10 Wheelock Ave., No. Grafton, Massachusetts.

Shea, Agnes G., B.Ed.; grad Worcester, Mass., State N. S., 1924; teacher; 64 Charlotte St., Worcester, Massachusetts.

Talbot, Geraldine C., B.Ed.; grad Worcester, Mass., State N. S., 1927; teacher; h: 72 Kenberma Rd., Worcester, Massachusetts.

Underhill, Mary T., B.Ed. (See Kolossike, Mrs. Mary U.)
Waldron, Florence I., B.Ed.; grad Oswego, N. Y., State N. S., 1926; 29 Preston St., Camden, New York.
Wasson, Margaret M., B.Ed.; grad Oswego, N. Y., State N. S., 1926; teacher, social studies; b: 124 Otsego St., Ilion, N. Y.; h: 8 Sixth St., Camden, N. Y.

Ph.D.

Aoki, Ryoichi, (Ishii, Ryoichi); Ph.D.; A.B. Hillsdale Coll., 1929; A.M. N. Y. Univ., 1931; research officer; South Manchuria Railway Co., Dairen, Japan.
Beitel, Robert J., Jr., Ph.D. z
Brown, Robert H., Ph.D. z
Carls, John N., Ph.D. z
Chapin, Milan A., Ph.D. z
Croteau, John T., Ph.D. z
Erickson, Franklin C., Ph.D. z
Ishii, Ryoichi, Ph.D. (See Aoki, Ryoichi).
Lemaire, Minnie E., Ph.D. z
Neet, Claude C., Ph.D. z
Newman, Sidney H., Ph.D. z
Smith, Joseph R., Ph.D. z
Whitehouse, Karl C., Ph.D.; z

CLASS OF 1936
A.B.

Adams, Willard G., A.B.; teacher; Chester, Vermont.
Baldwin, Joseph V., A.B.; North Wilbraham, Massachusetts.
Berg, Carl G., A.B.; teacher; b: Grafton St., Jr. H. S., Worcester, Mass.; h: 843 Millbury St., Worcester, Massachusetts.
Bibeau, Delphis, Jr., A.B.; driver; 303 Cambridge St., Worcester, Massachusetts.
Blaney, Cyril C., A.B.; Westford, Massachusetts.
Brosnihan, Andrew J., A.B.; 127 Puritan Ave., Worcester, Mass.
Butler, William F., Jr., A.B.; Asst. Promotion Manager; b: Worcester Telegram and Gazette, Worcester, Mass.; h: 10 Melville St., Worcester, Massachusetts.
Castaldi, Basilio, A.B.; A.M. 1937; teacher; H. S., Main St., Boylston, Massachusetts.
Derber, Milton, A.B.; A.M. Univ. of Wisc., 1937; research student; 164 Commonwealth Ave., Springfield, Massachusetts.
Eames, Robert P., A.B.; salesman; b: J. P. Squire Co., Boston, Mass.; h: 158 Cabot St., Newton, Massachusetts.
Fairman, Alonzo B., A.B.; salesman; b: Carlisle Hardware Co., Springfield, Mass.; h: 3 Salem St., Springfield, Massachusetts.
Feingold, Joseph H., A.B.; A.M., 1937; 20 Commodore Rd., Worcester, Massachusetts.
Finer, Harold M., A.B.; chemist; b: 1010 Mass. Ave., Roxbury, Mass.; h: 117 Cottage St., Chelsea, Mass.
Fink, Marvin S., A.B.; employed in law office; b: 166 W. 87th St., New York, N. Y.; h: 19 W. 44th St., New York, N. Y.
Fletcher, William G., A.B.; A.M. Yale Univ., 1939; instr., International Relations; b: 206 Hall of Graduate Studies, Yale Univ., New Haven, Conn.; h: The Common, Brookfield, Massachusetts.
George, Gordon B., A.B.; florist; Belmont St., Westboro, Mass.
Gifford, Roger G., A.B.; student and asst. librarian; b: Sch. of Library Service, Columbia Univ., New York, N. Y.; h: 64 Paulson Ave., Passaic, New Jersey.
Graham, Arthur R., A.B.; S.T.B. Tufts Univ., 1938; clergyman; b: Sterling, Mass.; h: Main St., Box 248, Sterling, Mass.
Grodberg, David A., A.B.; teacher; 112 Elm St., Worcester, Mass.
Hansen, Robert E., A.B.; A.M., 1938; teacher; 8 Ericsson St., Worcester, Massachusetts.
Healey, Laurence P., A.B.; A.M. Princeton Univ., 1939; instr., mod. languages; Univ. of Del., Newark, Delaware.
Hodgkins, Alfred S., A.B.; A.M.Ed., 1938; teacher; 6 Belvidere Ave., Worcester, Massachusetts.
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Johnson, Austin S., A.B.; A.M. Princeton Univ., 1939; teacher; b: Millbrook Sch., Millbrook, N. Y.; h: 60 Russell St., Manchester, Connecticut.
Keith, John R., A.B.; b: Fidelity Union Trust Co., 2 Ferry St., Newark, N. J.; h: 107 Halsey St., Newark, New Jersey.
Laine, Iver, A.B.; A.M.Ed., 1937; 13 Elm St., Worcester, Mass.
Laskoff, Leo L., A.B.; LL.B. Harv. Univ., 1939; associated with law firm, Dwight, Harris, and Kagil; 17 Windsor St., Worcester, Mass.
Lavine, Hymen, A.B.; A.M., 1937; Box 61, Linden St., Boylston, Massachusetts.
Lax, Martin, A.B.; student; b: Tuft's Dental Sch., Boston, Mass.; h: 564 Blue Hill Ave., Dorchester, Mass.
Levine, Jacob, A.B.; 393 Norfolk St., Dorchester, Massachusetts.
Leyden, Philip J., A.B.; 86 Mapledell St., Springfield, Mass.
Logan, Richard F., A.B., A.M., 1937; geologist, cartographer; b: Babson Inst., Babson Park, Mass.; h: 235 Forest St., Wellesley Hills, Mass.

Lopatin, Colman, A.B.; student; b: Louisville Sch. of Med., Louisville, Ky.; h: 119 Carmel St., New Haven, Connecticut.
MacArthur, Harvey H., A.B.; Sterling, Massachusetts.
McCarron, Andrew T., A.B.; 552 Salisbury St., Worcester, Mass.
Maher, John W., A.B.; 8 Hadwen Lane, Worcester, Massachusetts.
Maher, William J., A.B.; 22 William St., Worcester, Massachusetts.
Meyer, Robert S., A.B.; Sc.M. Massachusetts State College, 1938; Died, 1940.
Millman, Nathan, A.B.; Sc.M., Brown Univ., 1938; research assoc.; b: Furcolo Clinic, Springfield, Mass.; h: 57 Bancroft St., Springfield, Massachusetts.
Nelson, Carl E., A.B.; 4605 Chester Ave., Philadelphia, Pa.
Nystrom, J. Warren, A.B.; A.M., 1937; instr., geog.; b: R. I. Coll. of Ed., Kingston, R. I.; h: 905 Grove St.,Worcester, Mass.
Ordway, Robert S., A.B.; teacher; Ellsworth Memorial H. S., South Windsor, Connecticut.
Parmelee, Richard C., A.B.; LL.B. Hartford Sch. of Law, 1939; student; Parmelee Hill Road, Durham, Connecticut.
Patterson, Frank H., A.B.; instr., English; b: Norwich Univ., Northfield, Vt.; h: 181 Jerome Ave., Bristol, Connecticut.
Pierce, John H., A.B. x
Pomerat, Gerard R., A.B.; A.M. Harv. Univ., 1937; instr., zoology; Conant Hall 12, Harv. University, Cambridge, Massachusetts.
Pride, George H., A.B.; teacher; b: South H. S., Worcester, Mass.; h: 93 Pleasant St., Worcester, Massachusetts.
Richmond, Mark S., A.B.; asst. parole officer, U. S. Penitentiary; 721 Market St., Lewisburg, Pennsylvania.
Rochette, Robert P., A.B.; teacher; b: H. S., Holden, Mass.; h: 27 Windsor St., Worcester, Mass.
Rothera, Ralph E., A.B.; 721 Southbridge St., Worcester, Mass.
Serijan, Kasper T.,A.B.; 33 Lincoln St., Worcester, Massachusetts.
Shanbaum, Samuel, A.B.; proprietor; b: The Hollywood Shoppe, Athol, Mass.; h: 103 Sterling St., Clinton, Massachusetts.
Sharrett, Ralph L.,A.B.; automobile dealer; Manassas, Virginia.
Solomon, Abraham, A.B.; 7 South Stowell St., Worcester, Mass.
Steinhilber, Otto W., A.B.; salesman; b: 2 Foster St., Worcester, Mass.; h: 124 Boylston Circle, Shrewsbury, Massachusetts
Stewart, Kenneth H., A.B.; teller; b: Worcester County Trust Co., Worcester, Mass.; h: 28 Hadwen Lane, Worcester, Massachusetts.
Terio, Oiva A., A.B.; A.M.Ed. 1938; teacher; b: Birdseye Jr. H. S., Stratford, Conn.; h: Maple Ave., Rutland, Massachusetts.
Vinciguerra, Edmund A., A.B.; 2016 North Ave., Bridgeport, Conn.
Wilder, Arthur S., A.B.; A.M., 1939; 3 Bernice St., Worcester, Massachusetts.
Youngquist, Lincoln R., A.B.; sales correspondent; 47 Sterling St., Worcester, Massachusetts.

A.M.

Anicetti, Robert J., A.M.; A.B. Bates Coll., 1935; research chemist; b: Corhart Refractories Co., Inc., Louisville, Ky.; h: 2119 W. Gaulbert St., Louisville, Kentucky.
Arenberg, David L., A.M.; Sc.B. Mass. State Coll., 1935; Blue Hill Observatory, Milton, Mass.
Barnett, Mrs. Vincent M. (Brown, Barbara) A.M.; A.B. Syracuse Univ., 1935; Williamstown, Mass.
Black, Lloyd D., A.M.; A.B. Univ. of Toronto, 1934; student; b: Univ. of Mich., Ann Arbor, Mich.; h: 1180 McClellan Dr., West Los Angeles, California.
Brierly, William B., A.M. z
Brown, Barbara, A.M. (See Barnett, Mrs. Vincent M.).
Cook, Carolyn C., A.M.; Ph.B. Univ. of Vt., 1935; 237 Varick Rd., Waban, Massachusetts.
Domblatt, Herman, A.M. (See Dorn, Herman).
Dooley, Norma A., A.M.; B.Ed. Worcester S. T. C., 1934; Teachers Coll., Plymouth, New Hampshire.
Dorn, Herman (Domblatt, Herman) A.M. z
Fairchild, Johnson E., A.M.; A.B. Univ. of Beirut; instr., Hunter Coll.; 8 Jones St.,New York, N. Y.
Gibson, William M., A.M.; A.B. Howard Univ., B.D. Yale Univ.; instr., sociology and psych.; Fla. Agricultural and Mechanical Coll., Tallahassee, Florida.
Giraitis, Albert P., A.M.; Ph.D., 1938; Sc.B. Wash. Coll., 1934; research chemist; b: Chemical Products Plant, Standard Oil Co. of N. J., Linden, N. J.; h: 470 Brookside Pl., Cranford, N. J.
Goulding, John P., A.M. z
Hargreaves, H. Walter, A.M.; A.B. Univ. of Nev.,1935; 1110 Foulkrod St., Philadelphia, Pennsylvania.
Hirsohn, Sidney X., A.M.; A.B. Univ. of W. Va.,1935; teacher and writer; 1914 E. Broad St., Richmond, Virginia.

Holmgren, Mrs. Axel V. (Sears, M. Jeannette) A.M.; A.B. Smith Coll., 1935; chemist; b: Calco Chemical Co., South Bound Brook, N. J.; h: Wilson St., South Bound Brook, New Jersey.
Hunter, T. Murray, A.M.; A.B. Univ. of B. C., 1935; barrister, solicitor, and notary; 2715 West 33rd Ave., Vancouver, B. C., Canada.
Levenson, Samuel, A.M. z
McGrail, James J., A.M.; A.B. Holy Cross Coll., 1919; atty.; 311 Main St., Worcester, Mass.
Michelson, Mrs. Goldie C., A.M.; A.B. Brown Coll., 1924; 24 Carlisle St., Worcester, Mass.
Minogue, James A., A.M.; grad Duluth, Minn., S. T. C., 1934; 825 E. 27th St., Duluth, Minn.
Parmiter, Charles A., A.M.; A.B. Harv. Univ., 1932; teacher, social studies; b: H. S., Melrose, Mass.; h: 106 East Foster St., Melrose, Massachusetts.
Riggs, Mrs. Lorrin A. (Robinson, Doris R.) A.M.; A.B. Smith Coll., 1935; 514 St. Paul St., Burlington, Vermont.
Robinson, Doris R., A.M. (See Riggs, Mrs. Lorrin A.).
Russell, Roger W., A.M. z
Sears, M. Jeannette, A.M. (See Holmgren, Mrs. Axel V.).
Sievers, Angelika, A.M.; S.S. Univ. of Heidelberg, 1932; Berlin Friedenau, Ben Kaiserallee, 61-62 111, Berlin, Germany.
Studley, Lois A., A.M.; A.B. Middlebury Coll., 1935; B.Ed. Bridgewater S. T. C., 1937; teacher, English; 26 West St., Attleboro, Massachusetts.
Syrocki, Boleslaus J., A.M.; Sc.B. Conn. State Coll., 1934; B.Ed. Conn. S. T. C., 1938; teacher, science; b: Roosevelt Jr. H. S., New Britain, Conn.; h: 103 Broad St., New Britain, Connecticut.
Trueblood, Lester W., A.M.; Sc.B. Ind. S. T. C., 1933; Judson Coll., Rangoon, Burma, India.
Walker, Paul R., A.M.; A.B. Univ. of Nebr., 1932; B.D. Andover-Newton Theol. School, 1935; minister; b: Congregational Church. Hudson, Mass.; h: 24 Green St., Hudson, Massachusetts.
Zarrow, Myer X., A.M. z

B.Ed.

Coffey, Grace C., B.Ed.; grad Worcester, Mass., State N. S., 1905; 15 Atwood Rd., Worcester, Massachusetts.
Gilgan, Mary A., B.Ed., grad Worcester, Mass., State N. S., 1896; teacher; b: W. Boylston St. School, Worcester, Mass.; h: 17 Boylston Dr., Worcester, Mass.
Kennedy, Winnifred C., B.Ed.; grad Worcester, Mass., State N. S., 1927; 10 Lee St., Worcester, Massachusetts.
McDonald, Mary I., B.Ed.; grad Worcester, Mass., State N. S., 1913; 98 Vernon St., Worcester, Massachusetts.
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Mellen, Alice M., B.Ed.; grad Worcester, Mass., State N. S., 1921; teacher; b: Indian Hill Sch., Worcester, Mass.; h: Highland St., Holden, Massachusetts.
Sugden, Lelia, B.Ed. (See Wentworth, Mrs. Lelia S.)
Vail, Anna F., B.Ed.; grad Worcester, Mass., State N. S., 1916; teacher; social studies; b: Roosevelt Jr. H. S., New Bedford, Mass.; h: 124 Hillman St., New Bedford, Massachusetts.
Wentworth, Mrs. Lelia S. (Sugden, Lelia) B.Ed.; grad Worcester, Mass., State N. S., 1925; M. of Rel. Ed. Eastern Bap. Theol. Seminary, 1939; Box 295, Moravia, New York.

Ph.D.

Blake, Nelson M., Ph.D.; A.B. Dartmouth Coll., 1930; A.M. Brown Univ., 1931; asst. prof., hist.; b: Syracuse Univ., Syracuse, N. Y.; h: 208 Bassett St., Syracuse, New York.
Holmgren, Axel V., Ph.D. z
Mason, Carol Y., Ph.D. z
Powell, Katharine A., Ph.D. (See Wells, Mrs. Henry W.).
Riggs, Lorrin A., Ph.D. z
Rubin, Morton A., Ph.D. z
Salminen, Ilmari F., Ph.D. z
Thomas, Katheryne C., Ph.D. (See Whittemore, Mrs. Charles W.)
Wells, Mrs. Henry W. (Powell, Katharine A.) Ph.D. z
Whittemore, Mrs. Charles W. (Thomas, Katheryne) Ph.D. z

CLASS OF 1937

A.B.

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Davis, Wendell W., A.B.; meteorologist; b: Am. Airlines, Inc., Newark, N. J.; h: 143-17 38th ave., Flushing, L. I., N. Y.
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Gordon, Jacob, A.B.; dentist; b: Harv. Dental Sch., Boston, Mass.; h: 60 Lawton St., Brookline, Massachusetts.
Green, Arnold W., A.B.; A.M., Pa. State Coll., 1939; student; b: 2688 Broadway, New York, N. Y.; h: 16 High St., Three Rivers, Massachusetts.
Guterman, Henry S., A.B.; med. student; b: Wash. Univ. Med. Sch., St. Louis, Mo.; h: 4396 Forest Park, St. Louis, Mo.
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Healey, Lawrence P., A.B.; A.M. Princeton Univ., 1939; instr., modern languages; b: Univ. of Del., Newark, Del.; h: 8 Plantation St., Worcester, Mass.
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Holmes, Alan G., (See Holstrom, Andrew G.).
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Kanowitz, Sidney, A.B. x
Kennan, Dana W., A.B.; theatre employee; b: Loew's Poli Theatre, Worcester, Mass.; h: 157 Highland St., Worcester, Massachusetts.
Krzinowek, Alfred J., A.B.; mngr., Edgelake Dairy Farms; Establishing Science Service and Supply Co., Rutland, Mass.
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Manoogian, Michael, A.B.; 104 Belmont St., Worcester, Massachusetts.
May, Louis H., A.B.; Y. M. C. A. staff member; Y. M. C. A., Keene, New Hampshire.
Melville, Robert S., A.B.; clerk; b: 36 Front St., Worcester, Mass.; h: 16 Isabella St., Worcester, Mass.
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Newton, Albert E., A.B.; physicist; b: Am. Optical Co., Lab., Southbridge, Mass.; h: R.F.D. #4, Windsor, Vermont.
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Peltier, Louis C., A.B.; A.M. Columbia Univ., 1939; teacher; b: Bucknell Univ., Lewisburg, Pa.; h: Central St., West Boylston, Massachusetts.
Perry, Joseph L., A.B.; teacher, Shirley Industrial Sch.; 40 Gage St., Worcester, Massachusetts.
Person, Robert, A.B.; salesman, Davis-Person Memorials; 19 Fiske St., Worcester, Massachusetts.
Popowicz, Walter T., A.B.; clerk; b: Brockelman Bros., Main St., Worcester, Mass.; h: 91 Seymour St., Worcester, Massachusetts.
Porter, David, A.B.; A.M., 1938; office mngr.; b: 3914 Broad St., Philadelphia, Pa.; h: 1213 Airdrie St., Philadelphia, Pa.
Potter, Laurence E., A.B.; collector; b: Crowell Publishing Co., 166 Main St., Worcester, Mass.; h: 458 Park Ave., Worcester, Mass.
Rapaport, Harry, A.B.; 89 Francis St., Marlboro, Massachusetts.
Richardson, Horatio M., Jr., A.B.; student; b: Episcopal Theological School, Cambridge, Mass.; h: 115 Paine Street, Worcester, Massachusetts.
Romanoff, Bernard L., A.B.; 82 Brantwood Rd., Worcester, Mass.
Romanoff, Saul M., A.B.; manufacturer of chemical specialties; b: Texol Chemical Works, Clinton, Mass., h: 321 High St., Clinton, Massachusetts.
Ross, Harold W., A.B.; designer; 3 Summit St., Spencer, Mass.
Sagalyn, Julian L., A.B.; 1 Florentine Gardens, Springfield, Mass.
Schorr, Stanley A., A.B.; sales promotion mngr.; b: Curtis Publishing Co., Worcester, Massachusetts; h: 441 Chandler St., Worcester, Massachusetts.

Shea, Daniel J., A.B.; student; b: Boston Univ. Law Sch., Boston, Mass.; h: 11 Windham St., Worcester, Massachusetts.
Simonds, William A., A.B.; 66 Lovell St., Worcester, Mass.
Stimson, William T., A.B.; A.M. Harv. Univ., 1938; b: Santa Barbara Sch., Carpinteria, Cal.; h: 12 Grand St., Worcester, Mass.
Tacker, Herbert R., A.B.; A.M. Pa. State Coll., 1939; field worker; b: Boy's Club, Syracuse, N. Y.; h: 430 E. Genesee St., Syracuse, New York.
Terrill, Irving W., A.B.; extra-asst. library work; b: Worcester Public Library, Worcester, Mass.; h: 6 Harlow St., Worcester, Mass.
Toman, James E. P., A.B.; research biologist; b: Grad. Coll., Princeton, N. J.; h: 19 St. Lawrence St., Manchester, Conn.
Vaitkus, John W., A.B.; 23 Sigourney St., Worcester, Massachusetts.
Warren, Arthur B., A.B.; A.M.Ed., 1938; student; b: Clark Univ., Worcester, Mass.; h: 117 Beaconsfield Rd., Worcester, Mass.
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A.M.

Aizenstat, Harry N., A.M.; A.B. Am. Int. Coll., 1936; clerk; b: Springfield Armory, Springfield, Mass.; h: 105 Lebanon St., Springfield, Massachusetts.
Armstrong, L. Gwendolyn R., A.M.; A.B. Univ. of B. C., 1934; H. S. teacher; 313 Regina St., New Westminster, B. C., Canada.
Beishlag, George A., A.M.; A.B. Wayne Univ., 1930; teacher, social studies; b: Nolan Jr. H. S., 1150 E. Lantz St., Detroit, Mich.; h: 17,400 Third St., Detroit, Michigan.
Beldin, Wilma, A.M. (See Fairchild, Mrs. Johnson E.).
Belk, Bettie J., A.M.; B.Ed. Worcester S. T. C., 1936; teacher; H. S., Sandborn, Indiana.
Brockwell, John J., A.M. x
Castaldi, Basilio, A.M. z
Chamberlin, Thomas W., A.M.; B.Ed. E. Ill. S. T. C., 1936; asst. prof., geog.; b: S. T. C., Johnson City, Tennessee; h: 801 West Maple Street, Johnson City, Tennessee.
Fairchild, Mrs. Johnson E. (Beldin, Wilma) A.M.; A.B. Scrippo Coll., 1935; 16 Argyle Pl., Glen Ridge, New Jersey.
Fause, Asbjorn, A.M.; B.Ed. Duluth S. T. C., 1934; 9131 Vinland St., Duluth, Minnesota.
Feingold, Joseph H., A.M. z
Hutchinson, Mary C., A.M.; A.B. Wellesley Coll., 1922; teacher, science; b: Low-Heywood Sch., Stamford, Conn.; h: 2881 Noble Rd., Cleveland Heights, Ohio.
Lavine, Hymen, A.M. z
Lisk, George F., A.M. z
Logan, Richard F., A.M. z
Lotz, William A., A.M.; A.B. Heidelberg Coll., 1918; educational director; b: Y. M. C. A., 776 Main St., Worcester, Mass.; h: 10 Perrot St., Worcester, Massachusetts
McGuire, John A., A.M.; A.B. Union Coll., 1936; fellow in econ. and sociology and proctor, Estabrook Hall; Clark Univ., Worcester, Massachusetts.
Manzini, Raimondo C., A.M.; grad St. Louis Coll., Bologna, Italy, 1931; LL.D. Univ. of Bologna, 1936; 38 Via San Vitale, Bologna, Italy.
Marburg, Theodore F., A.M.; A.B. Antioch Coll., 1936; Instructor, economics; b: 1220 R St., Univ. of Nebraska, Lincoln, Neb.; h: 325 North 13th St., Lincoln, Neb.
Myers, Merle W., A.M.; Sc.B. Univ. of Ill., 1936; teacher, geog.; 1625 38th St., Rock Island, Ill.
Nystrom, J. Warren, A.M. z
Pepin, John L., A.M.; A.B. Hamline Univ., 1936; accountant and asst. treas.; b: Hamline Univ., St. Paul, Minn.; h: 1537 Hewitt Ave., St. Paul, Minnesota.
Quimby, Margaret, A.M.; A.B. Mount Holyoke Coll., 1934; student; b: London Sch. of Econ., London, England; h: 7 Champlain Ter., Montclair, New Jersey.
Scanlan, James J., A.M.; A.B. Holy Cross Coll., 1935; chemist; b: Am. Chicle Co., Long Island City, N. Y. h: 2542 Creston Ave., Bronx, N. Y.
Schadegg, Francis J., A.M.; B.Ed., State N. S., Cheney, Wash., 1934; Cheney, Washington.
Schermerhorn, Lloyd A., A.M.; A.B. Univ. of Rochester, 1931; inventory dept.; b: Taylor Investment Co., Rochester, N. Y.; h: 250 Terrace Pk., Rochester, N. Y.
Sukaskas, Vitold, A.M. z
Varg, Paul A., A.M. z
Whittet, Helen S., A.M.; B.Ed. Worcester S. T. C., 1936; teacher, hist.; b: Bradford Academy, Bradford, Vt.; h: 74 Myrtle Ave., Greenwood, Massachusetts.

A.M.Ed.

Arsenault, Philip E., A.M.Ed. z
Bieberbach, Phyllis M., A.M.Ed.; A.B. Wellesley Coll., 1936; b: teacher; B: School Dept., Worcester, Mass.; h: 11 Morningside Rd., Worcester, Mass.

Bryant, Gertrude M., A.M.Ed.; A.B. Middlebury Coll., 1921; M.R.E. Gordon Coll., 1927; teacher; b: H. S. of Commerce, Worcester, Mass.; h: 6 Quincy St., Worcester, Massachusetts.

Clifford, Timothy F., A.M.Ed.; A.B. Holy Cross Coll., 1936; H. S. teacher, English; b: 826 Main St., Watertown, Conn.; h: 11 Windham St., Worcester, Mass.

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Laine, Iver, A.M.Ed. z

B.Ed.

Brown, Annie J., B.Ed.; grad Salem Mass., State N. S., 1902; teacher; b: Grafton St., Jr. H. S., Worcester, Mass.; h: 119 Forest St., Worcester, Massachusetts.

Daley, Mary A., B.Ed.; grad Worcester, Mass., State N. S., 1928; teacher; b: Quinsigamond Sch., 832 Millbury St., Worcester, Mass.; h: 82 Green Hill Pkwy., Worcester, Massachusetts.

Dubé, Joseph Z., B.Ed.; grad Plymouth, N. H., N. S., 1925; 4 Middle, Milford, New Hampshire.

Hayden, Mary D., B.Ed.; grad New Poltz, N. Y., State N. S., 1914; teacher; b: Columbus Sch., Poughkeepsie, N. Y.; h: Rosendale, New York.

Illingworth, Reginald G., B.Ed.; grad State N. S., Castleton, Vt., 1929; teacher; b: H. S., Springfield, Vt.; h: Chester, Vermont.

Keene, Ella O., B.Ed.; grad Plymouth, N. H., State N. S., 1921; teacher, geog.; Groveton, New Hampshire.

Langley, Roger F., B.Ed.; teacher, prin.; b: Rice School, Holden, Mass.; h: Broad St., Barre, Massachusetts.

Loungway, Lillian A., B.Ed.; grad Worcester, Mass., State N. S., 1926; teacher; b: Abbott St. Sch., Worcester, Mass.; h: 4 Green St., Brookfield, Massachusetts.

Ohrn, I. Marie, B.Ed.; grad Worcester, Mass., State N. S., 1923; teacher; b: Abbott St. Sch., Worcester, Mass.; h: 38 Mill St., Worcester, Massachusetts.

Van Name, M. Etta, B.Ed.; grad Geneseo, N. Y., State N. S., 1922; teacher; b: 79 Elm Place, Lancaster, New York; h: Delevan, New York.

Ph.D.

Allen, Agnes M., Ph.D. z

Church, Phil E., Ph.D. z

Hayward, Harold M., Ph.D.; A.M. Boston Univ., 1929; asst. prof., sociology; b: Marshall Coll., Huntington, W. Va.; h: 1302 5th Ave., Huntington, W. Va.

McReynolds, George E., Ph.D.; A.B., 1931 and A.M., 1932, Ind. Univ.; asst. prof., hist., govt.; Univ. of Conn., Storrs, Connecticut.

Oak, Vishnu V., Ph.D.; A.B., Univ. of Bombay, 1920; B. S. T. Univ. of Ore., 1923; A.M. Univ. of Calif., 1923; A.M. Univ. of Iowa, 1932; prof., commerce; b: Wilberforce Univ., Wilberforce, Ohio; h: Cheyney Training Sch., Cheyney, Pennsylvania.

Oliver, A. Russell, Ph.D.; A.B., 1924 and A.M., 1931, Univ. of Nebr.; assoc. prof., geog; b: Univ. Station, N. D.; h: #9 Wright Bldg., Grand Forks, N. D.

Ristow, Walter W., Ph.D.; A.B. Univ. of Wisc., 1931; A.M. Oberlin Coll., 1933; head, map dept. b: N. Y. Public Library, New York, N. Y.; h: 160 Riverside Dr., Apt. 6-C, New York, N. Y.

Stavrianos, Leften S., Ph.D., z x

Stotz, Carl L., Ph.D.; A.B. Wayne Univ., 1930; asst. prof., geog.; b: 2012 Cathedral of Learning, Univ. of Pittsburgh, Pittsburgh, Pa.; h: 585 South Negley Ave., Pittsburgh, Pennsylvania.

CLASS OF 1938

A.B.

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Baharian, Bedros, A.B.; A.M. 1939; student minister; b: Andover-Newton Sch., Newton Centre, Mass.; h: 9 Cottage St., Worcester, Mass.

Blanchard, Donald, A.B.; insurance; b: 142 Berkeley St., Boston, Mass.; h: 48 Broadway, Stoneham, Massachusetts.

Blanchard, John P., A.B.; med. student; b: Albany Med. Coll., Albany, N. Y.; h: 10 Holmes St., Spencer, Mass.

Brandes, Frederick M., A.B.; library asst.; b: 18 Elm St., Worcester, Mass.; h: 106 Elm St., Worcester, Massachusetts.

Briggs, Charles D., Jr., A.B.; Bailey St., Worcester, Mass.

Brulé, Irving W., A.B.; 1319 Main St., Worcester, Massachusetts.

Burt, Arthur L., A.B.; A.M. 1939; student; 38 Fales St., Worcester, Massachusetts.

Carlson, Ralph L., A.B.; student; b: Clark Univ., Worcester, Massachusetts; h: Camp Street, Paxton, Massachusetts.

Carruthers, John B., A.B.; b: F. W. Woolworth Co., 13 Harvard St., Brookline, Mass.; h: 1 Concord Ter., Framingham, Mass.

Cole, Hubert M., Jr., A.B.; A.M., 1939; research chemist; b: General Foods Corp., Springfield, Mass.; h: 1608 Carew St., Springfield, Massachusetts.

Cotzin, Milton, A.B., A.M. Univ. of Nebr., 1939; grad. asst.; b: Univ. of Nebr., Lincoln, Nebr., h: 71 Loxwood St., Worcester, Massachusetts.

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Danckert, Joseph F., A.B.; St. Vincent's Sch., San Rafael, California.

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Fleming, Raymond E., A.B.; clerk; b: Norton Co., Worcester, Mass.; h: 2 Pakachoag St., Worcester, Massachusetts.

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Ph.D.

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Matchett, Gerald J., Ph.D. z
Pogue, Forrest C., Jr., Ph.D.; A.B. Murray, Ky., S.T.C., 1931; A.M. Univ. of Ky., 1932; assoc. prof., hist.; Murray, Kentucky.
Siple, Paul A., Ph.D.; Sc.B. Alleghany Coll., 1932; 1158 W. 5th St., Erie, Pennsylvania.
Wilson, Walter C., Ph.D. z

GEOGRAPHICAL LISTS

UNITED STATES

ALABAMA

Boaz
'25 Smith, Sherman M.

Florence
'20 Ashford, Moselle
'28 Cunningham, Floyd F.

Livingston
'34 Gibson, J. Sullivan

Troy
'34 Parson, Ruben L.

Tuscaloosa
'32 Pearcy, George E.
'32 Pomerat, Charles M.

ARIZONA

Flagstaff
'34 Allen, Agnes M.
'25, Tinsley,
William W.

Phoenix
'09 Boynton, Clarence N.

ARKANSAS

Little Rock
'15 Randolph, Vance
'11 White, Ernest H.

CALIFORNIA

Berkeley
'08 Chaffee,
Reginald R.
'34 Collins, Fred J.
'18 O'Neill, Anne W.
'21 Zeitfuchs, Edward

Burlingame
'17 Goodearl, Arthur W.

Clairmont
'14 Ellis, Robert S.

Clovis
'22 Andrew, Paul E.

Eldridge
'08 Ordahl, George
'07 Ordahl, Mrs. George

Hollywood
'05 Easley, Philip A.
'13 Fisher, Sarah C.
'13 Woods, Elizabeth L.

Long Beach
'15 Albert, Harry
'15 Husband, Archie B.
'32 Scharf, Ann E.

Los Angeles
'06 Baldwin, Francis M.
'08 Beeson, William J.
'29 Farrell, Albert L.
'08 Hubbard, Edward, Jr.
'14 Kohs, Samuel C.
'39 Scott, Clare
'97 Starbuck, Edwin D.
'25 Varney, Burton M.

Menlo Park
'08 Power, Thomas F.

Oakland
'27 Christenson,
Mildred E.
'21 Tanaka, Isawo

Palo Alto
'35 Carpenter, Philip L.
'34 Carpenter, Thomas P.
'96 Slonaker, James R.

Pasadena
'26 Baugh, Ruth E.
'17 Boghosian, Hagop B.
'20 Michal,
Aristotle D.
'11 Steele, Asa G.
'11 Steele, Mrs. Asa G.
'08 Wallace, Edith M.

Porterville
'08 Miller, Newton
'11 Miller, Mrs. Newton

Redlands
'07 Westerberg, Iwar S.

Richmond
'18 Burke, Winthrop M.

Sacramento
'15 Douglass, Aubrey A.
'16 McCrillis, Jacob W.

San Jose
'13 Freeland, George E.

San Rafael
'38 Danckert, Joseph F.
'38 McCarthy,
Andrew F. X.

Santa Barbara
'99 Croswell, Thomas R.

Stanford University
'00 Moreno, Halcott C.
'26 Nicol, Theodore
'05 Terman, Lewis M.

Stockton
'08 Harris, James W.

Terminal Island
'30 Abelsky, Michael

Tiburon
'23 Nash,
Mrs. Albertine A.

West Los Angeles
'36 Black, Lloyd D.
'05 Waddell, Charles W.

Whittier
'97 Boynton, William P.

COLORADO

Boulder
'29 Britton, Jacob
'24 Carlson, Harry G.
'29 Garnsey, Morris E.
'35 Kirkendall,
Walter E.
'38 Quam, Louis O.

Denver
'23 Fahl, Rudolph
'16 Mooney, William B.

Gunnison
'11 Cooley, Herbert C.

Longmont
'12 Sanborn, Kent L.

CONNECTICUT

Bantam
'22 Hard, Ernest

Bridgeport
'32 Ablondi, John V.
'19 Brodsky, Michael E.
'27 Moore, J. Robert
'19 Pearson,
Mrs. Charles W.
'26 Sachs, Jacob Y.
'38 Stein, Saul R.
'23 Towne, Stanwood B. E.
'36 Vinciguerra,
Edmund A.

Bristol
'36 Patterson, Frank H.

CONNECTICUT (cont.)

Broad Brook
'23 Piper, Lewis H.

Chester
'25 Gladding, G. Roger

Colchester
'38 Granger, Rocheleau Z.,Jr.
'32 Slopak, Abraham
'34 Slopak, Elias

Danielson
'38 Chisholm, Hester D.
'22 Everett, Kenneth C.

Darien
'33 Cheka, Joseph S.

Derby
'23 Heffernan, Daniel J.

Durham
'36 Parmelee, Richard C.

East Hartford
'30 Chapin, Lucy E.
'15 Elliott, Clarence H.
'11 Preston, Harold A.

East Haven
'29 Harrington, Wayne E.

East Norwalk
'21 Martinson, John W.

Fairfield
'32 Harwood, E. Monroe
'16 Sturges, Harold M.

Georgetown
'30 Johnson, Edwin N.

Glastonbury
'33 Reed, Emerson C.

Hamden
'22 Halverson, Henry M.
'29 Kneller, George F.
'12 McCurdy, John R.
'09 Shedd, Clarence P.

Hampton
'15 Webster, Clarence M.

Hartford
'29 Bland, Isadore C.
'10 Fay, William J.
'21 Higginson, William J.
'20 Kalin, Jacob I.
'22 Loomis, Theodore R.
'05 Madden, Leon I.
'12 Oberg, Frank T.
'18 Parks, G. Hapgood

Hazardville
'38 Bridge, Elizabeth G.
'94 Bridge, John L.

Litchfield
'38 Titus, Howard A.

Manchester
'38 Gryk, Anthony J.
'22 Humes, Warren M.
'36 Johnson, Austin S.
'37 Toman, James E. P.

Mansfield
'23 Knowlton, Edwin E.

Meriden
'30 Jacobs, David H.
'31 Katz, Irving

Middletown
'25 Hanover, Walter S.
'20 Kendall, Raymond O.

Moosup
'28 Sanger, Quintin M.

Mt. Carmel
'25 Sleeper, L. Maxwell

Naugatuck
'24 Pope, Henry W.

New Britain
'31 Catlin, Winton I.
'35 Coddington, Edwin B.
'98 Ferry, Frederick C.
'29 Hastings, Walter, Jr.
'23 Howard, Palmer P.
'22 Howe, George F.
'22 Howe, Mrs. George F.
'36 Syrocki, Boleslaus J.

New Haven
'12 Bemis, Samuel F.
'22 Cheney, Ralph L.
'22 Davis, George T.
'26 Denny, Nathan J.
'30 Eliason, Chester G.
'06 Gesell, Arnold L.
'29 Hubbard, Arthur D.
'22 Jones, Sarah E.
'22 Krikorian, Armen K.
'22 LaFleur, Albert
'29 Levett, Abraham
'25 Libby, Paul O.
'36 Lopatin, Colman
'26 Preissel, William F.
'15 Small, Max
'20 Zinn, Earl F.
'23 Zweigbaum, Abraham

New London
'13 Appledorn, Herman H., Jr.
'26 Gannon, Thomas C.

Newtown
'17 Fuller, Raymond G.

North Grosvenor Dale
'30 Roy, Joseph L.

Norwalk
'13 Nathanson, Joseph N.
'38 Nathanson, Norman J.
'23 Smith, Sheldon B.

Norwich
'23 Babcock, Royal R.
'14 Muttart, William L.
'34 Oberg, Ernest V.

Old Greenwich
'30 Read, Francis A.

Portland
'23 Taylor, Hiram S.

Putnam
'30 Barber, William P.
'38 Wheaton, Philip D.

Seymour
'10 Stoddard, Hubert E.

Shelton
'31 Brown, Morris Y.

South Manchester
'38 Gray, William D.

South Norwalk
'27 Bresev, Morris I.
'26 Tarlov, Isadore M.

South Windsor
'36 Ordway, Robert S.

Springdale
'30 Larkin, Charles A.

Stamford
'27 Larrabee, Carlton H.

Storrs
'37 McReynolds, George E.
'22 White, Vinton E.

Thomaston
'27 Keller, Clarence W.

Thompsonville
'12 Burt, Arthur W.

Waterbury
'28 Ciano, Michael A.
'13 Elwell, William B.
'17 Hanson, Frank W.
'38 Kellie, Charles C.

Watertown
'31 Bartlett, Wallace C.
'11 Cook, William R.
'30 Moberg, Edgar A.

West Hartford
'11 Arnold, Ray D.
'26 Crossley, Lester F.
'25 Crouch, Irvin E.
'34 Hemenway, Everett M.
'21 Hubbard, F. Edgar
'11 Melvin, Roy S.
'11 Moyle, Henry B.
'24 Price, Ronald W.
'22 Rowland, Robert J.
'12 Towne, Ralph V.
'16 Whittey, Austin L.

West Haven
'27 DeGangi, Francis L.
'32 Edwards, John E.
'33 Larson, Evert J.

Wethersfield
'13 Chester, Edward P.

Willimantic
'11 Shafer, George H.

Windsor
'13 Pratt, Aaron P.

DELAWARE

Newark
'21 Gould, Joseph S.
'36 Healey, Lawrence P.
'33 Wilson, Walter C.

Wilmington
'24 Brodie, William
'28 Brown, Virginia M.
'34 Graham, Boynton
'14 Hayden, Oliver M.
'23 Neal, Arthur M.
'28 Peterson, Ernest G.

DISTRICT OF COLUMBIA

Washington
'06 Bacon, Charles W.
'27 Barnes, Carlton P.
'16 Bentley, John E.
'20 Bigelow, Karl W.
'22 Bixby, F. Lovell
'21 Cooper, Robert U.

DIST. OF COLUMBIA (cont.)

Washington (cont.)
'12 Dawson, Leo H.
'10 Dickinson, Hobert C.
'16 Dooley, Lucile
'29 Fitton, Edith M.
'20 Frazier, E. Franklin
'38 Gibbs, Robert G.
'14 Henry, Thomas R.
'30 Hofsted, Mrs. L. R.
'34 Holdcamper, Forrest R.
'01 Ives, James E.
'16 Judson, Lewis V.
'28 Lloyd, George W.
'16 Long, Howard H.
'13 Lund, John
'38 McInnis, H. Donald
'21 Meenes, Max
'17 Miller, Kelly, Jr.
'16 Morlock, George A.
'39 Newberry, Wilberta E.
'23 O'Brien, John F.
'16 Parker, Henry C.
'21 Perkins, Ernest R.
'34 Pico, Rafael
'15 Richmond, Winifred V.
'34 Russell, William F.
'14 Savage, Joseph W.
'27 Shipman, Fred W.
'00 Small, Willard S.
'28 Spadola, John M.
'10 Stimson, Harold F.
'16 Sumner, Francis C.
'17 Teachout, Robert B.
'38 Wald, Haskell P.
'16 Ward, Henry P.
'08 Wright, Clarence D.
'12 Yanovsky, Elias

FLORIDA

Augusta
'29 Mettler, Fred A.

Gainsville
'25 Atwood, Rollin S.
'31 Diettrich, Sigismond deR.

Jacksonville
'19 Grether, J. Richard

Tallahassee
'13 Bellamy, Raymond F.
'04 Conradi, Edward
'36 Gibson, William M.

Tampa
'11 Becknell, Guy G.

Waldo
'20 Pettit, Effie D.

Winter Park
'09 Clarke, Edwin L.
'95 Leuba, James H.

GEORGIA

Athens
'10 Hutchinson, George A.

Atlanta
'20 Barr, William J.
'23 Holmes, Richard M.
'29 Kennedy, Melvin D.

Augusta
'29 Mettler, Fred A.

Demorest
'13 Percy, Carl L.

Forsyth
'20 Kurtz, Herman F.

Savannah
'31 Truitt, Mrs. Garland L.

ILLINOIS

Bloomington
'27 Gueffroy, Edna M.
'32 Means, George R.
'29 Means, Margaret
'32 Pils, Meta H.
'25 Ridgley, Douglas C.

Carbondale
'30 Gellerman, Louis W.
'23 Shank, Marjorie M.

Champaign
'30 Burgy, Jacob H.

Charleston
'25 Buzzard, Robert G.

Chicago
'09 Bobbitt, John F.
'07 Bond, Otto F.
'23 Branom, Frederick K.
'31 Campbell, Edna F.
'27 Crane, Mrs. Charles B.
'06 Day, Alexander A.
'19 Hunt, Horace A.
'23 Husbands, LeRoy C.
'23 Johnson, Warren C.
'30 Levine, Robert
'11 Nice, Leonard B.
'15 Nice, Mrs. Leonard B.
'17 O'Brien, George F.
'12 Potter, Herman M.
'17 Slade, William F.
'12 Tyree, Louis C.
'92 Young, J. W. A.

East St. Louis
'21 Heiser, Harold W.

Eureka
'34 Inman, Walter G.

Evanston
'93 Holgate, Thomas F.
'21 Noreen, Anton H. R.

Jacksonville
'17 Brooks, Elizabeth

Mooseheart
'17 Reymert, Martin L.

Normal
'23 Horton, Clifford E.
'29 McDavitt, Neva

Pekin
'11 Mayer-Oakes, Frederick T.

Rock Island
'37 Myers, Merle W.

Springfield
'30 Zeller, Rose

Urbana
'93 Daniels, Arthur H.
'27 Page, John L.
'20 Staley, Seward C.
'14 Taft, Donald R.

Villa Park
'10 Fletcher, Rollo F.

Waukegan
'14 Chandler, Edward M. A.

Western Springs
'15 Wilson, William J.

Wheaton
'30 Edman, V. Raymond

Wilmette
'32 Cash, Myrtle

Winnetka
'26 Stetson, William C.

INDIANA

Bedford
'24 McKnight, Mrs. Edna H.

Bloomington
'20 Benns, F. Lee
'06 Book, William F.
'92 Bryan, William L.
'09 Conklin, Edmund S.
'35 Matchett, Gerald J.
'15 Snoddy, George S.
'23 Switzer, Jesse E.
'08 White, Jesse H.

Claypool
'09 Bruner, Jesse

Franklin
'10 Stoutemyer, John H.

Hammond
'26 Keller, Donald

Merom
'23 Mitchell, Ralph W.
'14 Pleasant, Gault W.

Mishawaka
'30 Turbeville, Harry E.

Sandborn
'37 Belk, Bettie J.

South Bend
'11 DuBois, Benjamin G.
'38 Hatt, M. Geraldine

Terre Haute
'10 Acher, Rudolph

West Lafayette
'23 Eastwood, Floyd R.
'12 Tetrault, Philippe A.

IOWA

Ames
'37 Fletcher, Thomas L.

Iowa City
'38 Ash, Frederick E.

Manley
'28 Mitchell, May A.

ALUMNI

KANSAS

Lawrence
'35 Hagemann, Hans H.
'97 Lindley, Ernest H.
'12 Wheeler, Raymond H.

Leavenworth
'12 Sarasohn, Israel J.

Ottawa
'29 Conrad, Harold E.

Pittsburg
'07 Dellinger, Oris P.

Sterling
'16 Calhoun, Arthur W.

Topeka
'28 Bell, Ruth E.

Wichita
'15 Hayes, William H.

KENTUCKY

Ashland
'27 Heath, Herschel

Bowling Green
'04 Mutchler, Fred

Lexington
'33 Kabaker, Charles B.

Louisville
'36 Anicetti, Robert J.

Murray
'39 Pogue,
Forrest C., Jr.

Pippapass
'25 Dix, Charles T.

Pisgah
'10 Hart, Robert S.

Richmond
'14 McDougle, Ernest C.

LOUISIANA

Shreveport
'28 Becker, Raymond C.

MAINE

Augusta
'31 Brown, Horace A.

Bangor
'10 Barker, Byron W.
'34 Ellis, Ralph F.
'22 Metcalf, Charles A.

Biddeford
'35 Glaude, Paul M.

Farmington
'12 Gaylord, Harding W.

Fort Fairfield
'28 Rich, George B.

Lewiston
'33 Chapin, Milan A.

Livermore Falls
'24 Farrington,
Wendell F.

Millinocket
'12 Winslow, Arthur C.

North Edgecomb
'21 Cummings, Randall F.

Orono
'22 Dickinson, Charles A.

Portland
'09 Clare, Edward W.
'31 Kidder, M. Lucile
'35 Moore, Norman B.
'18 Murphy, Blanche L.
'32 Phair, James A.

Presque Isle
'33 Reardon, Joseph P.

Princeton
'14 Tupper, Frank E.

South China
'19 Tatham, Lewis C.

South Portland
'13 Day, Lorey C.
'12 Kirby, John R.

Waterville
'08 Helie, Euclid
'10 Morrow, Curtis H.

Wilton
'38 York, Robert M.

MARYLAND

Annapolis
'13 Thomson, Earl W.

Baltimore
'13 Brown, Thomas I.
'13 Claman, Samuel
'25 Clarkson, Paul S.
'23 Foley, Gardner, P. H.
'04 Hubbard, John C.
'15 McDougle, Ivan E.
'08 Millea, William L.
'31 Oswell, Mahlon M.
'96 Taylor, Samuel N.

Boonsboro
'23 Guyton, Homer W.

Cabin John
'31 Bortz, Nelson M.

Centerville
'15 Shea, Theodore E.

Chestertown
'23 Buxton, Kenneth S.

Chevy Chase
'16 Dawson, Paul R.
'10 Fulcher, Gordon S.
'05 Harrington, Elmer A.
'14 O'Brien, John C.

College Park
'18 Sprowls, Jesse W.

Elkton
'38 Bratton, Francis H.

MASSACHUSETTS

Allston
'35 Cohn, Charles B.

Amherst
'22 Cutler, Frederick M.
'06 Gage, George E.
'34 Hodge, Walter H.
'32 Neet, Claude C.
'22 Porter, C. Scott
'10 Powers, Wallace F.

Andover
'15 Forbush, Guy J.
'23 Higgins, Roger W.
'13 Resnik, Samuel

Arlington
'24 Johnson, Carl A.
'08 Lewis, Earl S.
'12 Smith, John A.

Ashburnham
'39 Carroll, George J., Jr.
'39 Martin, Richard B.

Athol
'39 Berard, Theodore H.

Attleboro
'36 Studley, Lois A.

Auburn
'34 Backstrom, Arthur R.
'33 Bennett, Alfred W.
'25 Carlson, C. William
'27 Civalier, Roland B.
'19 Ericson, Emil
'20 Goodnow, Donald W.
'37 Holstrom, Andrew G.
'38 Nugent, John J., Jr.
'27 Watson, Mrs. John L.

Ayer
'09 Barrows, George M.

Barre
'38 Allen, Harold G.
'38 Dawson, Leroy L.
'37 Langley, Roger F.

Belmont
'23 Dexter, Robert C.
'14 Christopher, Clifford Z.
'31 Clark, Marshall G.
'11 Cole, George E.
'23 Dexter, Mrs. Robert C.
'25 Doherty, Richard P.
'18 Gifford, Frederic O.
'30 Higginbottom, George
'27 Merk, Mrs. Lois B.
'12 Rasely, Hiram N.

Beverly
'23 Golden, Sherman E.

Boston
'34 Bassinov, Saul
'33 Beigelman, Herman
'31 Bergin, John A.
'13 Boireau, Walter H.
'34 Brooker, Maurice
'09 Carroll, Charles S.
'12 Drake, Dorothy
'25 Fay, Louise
'39 Gadomski, Joseph A.
'35 Goldman, Rosaline
'25 Hammond, Arthur N.

MASSACHUSETTS (cont.)

Boston (cont.)
'27 Morrill, Emmet T.
'32 Northup, Francis F.
'26 Panarity, Gerim M.
'24 Popko, Peter F.
'33 Roy, Raymond S.
'20 Slate, Everett J., Jr.
'33 Steiman, Solomon E.
'15 Virginia, Sister Marie, S. N. D.
'10 Wheeler, Lucius B.

Boylston
'36 Castaldi, Basilio
'36 Lavine, Hymen

Bridgewater
'10 Haskins, Henry S.
'29 Huffington, Paul

Brighton
'25 Scannell, Agnes V.
'27 Tabor, Osborne B.
'21 Thomajan, Zareh G.

Brockton
'31 Borvick, Moses
'15 Champ, Anthony M.
'31 Weeden, Clarice J.

Brookfield
'32 Carleton, Thomas M.
'36 Fletcher, William G.
'35 Hirtle, John R.
'09 Hughes, John L.
'39 Kenneway, Harold J., Jr.
'37 Loungway, Lillian A.

Brookline
'34 Barkhouse, Arthur J., Jr.

'31 Brightman, Milton
'18 Feinsilver, Joseph E.
'37 Gordon, Jacob
'33 Harrison, James
'34 Leighton, Herbert T.
'16 Levensohn, Abraham S.
'29 Pollock, Morris P.
'34 Shachoy, Gordon R.
'12 Sheehan, Jeremiah
'10 Sowles, Horace K.
'22 Winn, Warren B.

Cambridge
'29 Grace, Sydney
'34 Hodge, Walter H.
'39 Howard, Fred H.
'26 McCabe, Mrs. Francis T.
'36 Pomerat, Gerard R.
'10 Rasely, Warren McK.
'09 Salmon, John J.
'29 Slate, Robert I.
'17 Smith, Everett H.
'17 Zeldin, Samuel D.

Canton
'16 Ryan, Francis A.

Chelsea
'36 Finer, Harold M.
'34 Smith, Nathan J.

Chicopee Falls
'30 Murdock, Frederick M.
'35 Trumbull, John T.

Clinton
'32 Moran, John F., Jr.
'37 Romanoff, Saul M.
'38 Russell, William J.
'36 Shanbaum, Samuel

Cohasset
'17 Bowman, Ethel

Cordaville
'39 Merriam, Frederick S.

Cotuit
'23 Higgins, Donald E.

Dalton
'34 McCauley, Byron F.
'30 Stedman, Harry P.
'35 Williams, Arthur R.

Danvers
'33 Smith, Harold K.

Dedham
'30 Peltier, Charles L.

Dodge
'05 Miller, Allan B.
'38 Stockman, Harlan W.

Dorchester
'39 Bickman, James S.
'18 Civen, Nathan
'39 Cohen, Oscar P.
'14 Edson, Robert A.
'37 Hershman, Max
'33 Jaffe, Sydney
'38 Kopelman, Bernard
'36 Lax, Martin
'36 Levine, Jacob
'11 Norris, Albert F.
'37 Williams, Joel

Duxbury
'91 Bumpus, Hermon C.

East Douglas
'39 Haringa, Raymond R.

Easthampton
'18 Johnston, Earl N.
'22 Rouse, Charles E.
'32 Tompkins, Earle A.

East Longmeadow
'12 Jacobson, Henry

Eastondale
'16 White, Leslie B.

East Pepperell
'31 West, Boardman A.

Egypt
'05 Wingate, Harold C.

Everett
'21 Weinberg, Max

Fairhaven
'32 Knox, Arthur R., Jr.
'30 Rogers, Harry
'21 Wood, Walter D.

Fall River
'09 Bumpus, Samuel F.
'16 Conlin, James F.
'33 Fine, Robert
'31 Somers, William H.

Fitchburg
'35 Burwick, Maurice J.
'10 Butler, Harry J.
'21 Clark, Edwin R.
'24 Cowdrey, C. Francis, Jr.
'33 Nelson, Florence A.
'30 Simmons, Mrs. Anna G. E.
'28 Smith, Abraham
'11 Walsh, James H., Jr.

Framingham
'38 Carruthers, John B.
'13 Carruthers, Paul E.
'22 Damon, Curtis
'27 Dyer, George B.
'17 Jones, Carl E.
'25 Reynolds, Paul E.
'13 Van Waters, Miriam
'30 Wilson, F. Edward

Gardner
'09 Bent, Arnold A.
'27 Bowden, Hervey F.
'32 Clifford, Mae H.
'39 Goodwin, Ralph R.
'18 Kuniholm, C. Harry
'28 Laakso, Eino F.
'33 Sundberg, Oliver E.

Gloucester
'14 Edson, Earl R.
'07 Quimby, Howard L.

Grafton
'39 Ford, Catherine E.
'35 Rhodes, Mrs. E. J.

Greenfield
'05 Glazier, Philip N.
'22 Sturtevant, Ralph E.

Greenwood
'37 Whittet, Helen S.

Groton
'23 Ferguson, Arthur W.

Hampden
'28 Carver, Wells E.

Haverhill
'11 Thompson, Hubert C.
'38 West, Frederic M.

Holden
'21 Bergquist, Albert G.
'36 Mellen, Alice M.
'34 Nelson, James S.

Holliston
'18 Dixon, Mrs. George E.
'03 Wells, Roy T.

Holyoke
'35 Denmark, Hyman S.
'29 Welson, Milton K.

Hopedale
'05 Bramhall, Robert I.

Hubbardston
'28 Howard, J. Philip

Hudson
'36 Walker, Paul R.

Huntington
'10 Cross, Joseph P.

MASSACHUSETTS (cont.)

Hyannis
'28 Rucker, Robert W.

Jamaica Plains
'26 Loungway, Ferdinand J.
'20 Pomeroy, Howard E.
'32 Richard, Dorothy E.

Lancaster
'05 Ewing, John G.

Lawrence
'31 Eidam, Carl L.
'17 Mooradkanian, Gregory
'31 Swett, Elmer L.

Leeds
'07 Phelps, Lyman B.

Leicester
'39 Brown, Elinor
'20 Browne, Gordon W.
'35 Goulding, John P.
'24 Mack, Harry E.
'30 Southwick, Thomas E.
'39 Steeves, Frederic V.

Leominster
'31 Eisner, Chauncey A.
'29 Geary, Donald J.
'16 Gist, Nathan H.
'28 Lincoln, Elisabeth M.
'39 Longo, John R.
'39 Perry, Henry B.
'26 Rogers, John H.

Linwood
'32 Metcalf, John W., Jr.

Littleton
'22 Baker, George E.

Longmeadow
'17 Bodfish, Robert W.
'21 Leavitt,
J. Preston H.
'29 Ten Broeck, Edward M.

Lowell
'32 Gardner, Irving A.
'35 Kirby, A. Florence
'29 Kremer, Abraham
'29 Smith, Benjamin

Lunenburg
'14 Talbot, Rolfe H.

Malden
'39 Norman, Paul P.

Manchester
'27 Paige, Mildred M.

Marblehead
'10 Earle, Edward
'31 Olds, John B.

Marlboro
'28 Carey, Gertrude M.
'30 Dolan, Robert A.
'13 Gage, Sumner C.
'16 Meyerhardt,
Maurice W.
'38 Mitchell, Rosemary
'37 Rapaport, Harry
'22 Riani, Alfred J.
'17 Richardson, Edgar B.

Mattapan
'34 Malkiel, Saul

Medford
'32 Donabedian, Sarkis M.
'38 Guest, Lester P.
'17 Haire, Paul G.
'23 Imlah, James H.
'10 Kadesch, J. Stevens

Melrose
'21 Battles, Stanley C.
'05 Cushman, Roy M.
'23 Mansur, Eric W.
'31 Medin, Robert W.
'36 Parmiter, Charles A.
'29 Pasanen, Walter R.

Middlefield
'34 Turner, Stanley G.

Milford
'14 Berry, Francis C.

Millbury
'37 Blanchard, Willard F.
'34 Brierly, William B.
'35 Clark, Burton E.
'37 Hall, George E.
'29 Harris, Marion V.
'32 Higginbottom, Arthur R.
'26 Higginbottom, Edwin
'33 Higginbottom,
Russell W.
'37 Jannery, Harold K.
'30 Kinniery, Anna A.
'30 Kinniery, Honora E.
'34 Shappy, Roland F.
'27 Zarrow, Harry

Millis
'32 Meleski, Anthony P.

Milton
'36 Arenberg, David L.
'16 Sage, David

Mittineague
'13 Cummings, Leo G.

Monson
'12 Squier, Rosie G.

Morningdale
'21 Kilpatrick, Richard H.

Mount Hermon
'23 Franz, Albin E.

Natick
'20 Foley, Raymond D.
'16 Morse, Laurence P.
'15 Sheehan, John F.
'09 Sheehan, Thomas W.

Needham
'10 Cutler, Harold J.
'18 Harriman, Edward N.
'26 Packard, Leonard O.
'19 Ringquist, Oscar E.

New Bedford
'30 Crowley, Paul M.
'33 Denton, Joshua W.
'32 Singleton, Francis J.
'36 Vail, Anna F.

Newburyport
'21 Eaton, Stacey E.

Newton
'36 Eames, Robert P.

Newton Centre
'21 Fish, Abraham W.
'12 Herdman, Gordon W.
'06 Marble, Henry C.

Newton Highlands
'16 Gifford, Raymond T.

Newtonville
'16 Andress, J. Mace
'13 Coyne, Charles E.
'28 Jones, Lloyd C.

Norfolk Downs
'15 Johnson, C. David

Northampton
'39 Bailey, Sidney P.
'32 Hudgins, Clarence V.
'13 Jones, Arthur T.
'34 Stavrianos, Leften S.

North Attleboro
'14 Morris, George W.

Northboro
'28 Felt, Charles W.
'13 Gay, Ray L.
'39 Herrmann, Frank C.
'39 Herrmann, William C.
'39 Moulton, Benjamin

Northbridge
'39 Brouillard, Robert E.

North Grafton
'26 Ekblaw, W. Elmer
'13 Gilbertson, Albert N.
'38 Nally, William J.
'35 Rhodes, Mrs. E. J.

North Scituate
'29 Vinal, Ella L.

North Wilbraham
'36 Baldwin, Joseph V.

Norton
'28 Hidy, Ralph W.
'28 Hidy, Mrs. Ralph W.

Norwood
'22 Pelletier, Valmore A.
'33 Steinhilber, Gustav W.
'20 Stit, Albin

Oak Bluffs
'21 Rodgers, Stanley E., Jr

Orange
'14 Karlson, Hugo P.

Oxford
'38 Pottle, Irwin D.
'10 Taft, Arthur C.

Paxton
'38 Carlson, Ralph L.
'39 Craig, William W.
'33 Estabrook, Allen L.
'29 Klingele, Arnold H.

Pittsfield
'24 Lynch, Harold E.
'28 Tomajan, Russell
'17 Weeks, Ancelina L.

MASSACHUSETTS (cont.)

Quincy
'38 Clifford, J. Nelson

Reading
'05 Keneely, Ralph S.
'30 Pitkin, Victor E.
'10 Poland, Mrs. Orville

Rockport
'20 Cottle, William E.
'31 Wright, Albert C.

Roxbury
'39 Alpert, Leo
'33 Horovitz, Edward H.
'39 Rosemark, Clarence J.
'39 Shapiro, Max A.

Rutland
'37 Krzinowek, Alfred J.
'36 Terio, Oiva A

Salem
'32 Goldberg, Bernard I.

Sandwich
'33 Bither, Wallace F.
'28 Boyden, Willard E.

Shelburne Falls
'11 Cummings, Stanley W.

Shrewsbury
'29 Bailey, Irving E.
'39 Deering, George E., Jr.
'08 Everett, Lewis W.
'35 Green, Frances
'06 Osborn, Willard L.
'39 Powers, George H.
'36 Steinhilber, Otto W.

South Berlin
'12 Maynard, Leland C.

Southboro
'21 Smith, David H.

Southbridge
'33 Beitel, Robert J., Jr.
'39 Bingley, Howard O.
'24 Conner, J. Eva
'35 Cutler, Norman G.
'29 Gaucher, Adrian A.
'30 Snell, S. Hayward

South Hadley
'35 Grout, Milton L.

South Lancaster
'24 Winslow, Guy H.

Spencer
'35 Berthiaume, Gerard M.
'38 Blanchard, John P.
'32 Cole, Mary E.
'27 Dickinson, Roger F.
'35 Dombrosk, Harry F.
'39 Galvin, Della E.
'31 Galvin, Mary R.
'39 LaPrade, Albert J.
'37 Lenat, Ralph W.
'38 Letendre, Donald H.
'39 McComas, Robert F.
'11 Monroe, Arthur
'38 O'Connor, Mary E.
'37 Ross, Harold W.
'28 Silk, Ellen M. H.
'34 Taylor, Richard C.
'38 Toomey, Kathryn D.

Springfield
'20 Affleck, George B.
'37 Aizenstat, Harry N.
'22 Clune, Mary C.
'38 Cole, Hubert M., Jr.
'24 Cross, Hartley W.
'12 Cummings, Charles H.
'36 Derber, Milton
'36 Fairman, Alonzo B.
'32 Gadaire, Charles R.
'15 Geldard, Walter J.
'29 Haberman, James C.
'26 Hadley, Allan M.
'38 Hoag, C. Leonard
'14 Kiley, M. Marcus
'36 Leyden, Philip J.
'23 Lyon, Leroy A.
'09 McCurdy, James H.
'38 Madorsky, Milton E.
'22 Millman, Max
'36 Millman, Nathan
'10 Monat, Achilles H.
'39 Morris, Bernard
'12 Risley, Charles H.
'10 Robinson, Carroll W.
'32 Ross, W. Clifford, Jr.
'37 Sagalyn, Julian L.
'31 Wells, Newton A.
'31 Weymouth, Harold D.
'30 Wiel, Theodore A.

Sterling
'36 Graham, Arthur R.
'36 MacArthur, Harvey H.

Stockbridge
'30 Brady, Edward W.
'28 Dexter, William A.
'34 Forrest, Edward L.
'11 Laine, Edmund R.

Stoneham
'38 Blanchard, Donald
'39 Taylor, Robert C.

Swampscott
'05 Webb, Reginald L.

Tewksbury
'16 Sloan, Harold H.

Three Rivers
'37 Green, Arnold W.

Waban
'36 Cook, Carolyn C.

Waltham
'23 Gunter, William
'34 Wilder, Frederick H., Jr.

Ware
'25 Pooler, Priscilla A.

Warren
'38 Gauthier, Armand J.
'22 Sommerman, Henry H.

Watertown
'17 Dunham, Earl T.
'21 Landry, Paul E.
'22 Landry, Philip R.
'32 Rosoff, Leon

Webster
'37 Davis, John K.
'39 Kos, Walter J.
'38 Racicot, T. Peter
'39 Ryan, Arthur J.
'29 Zumpfe, Leroy C.

Wellesley
'13 Berger, Henry E.
'12 Godfrey, Henry R.
'14 Godfrey, Roland J.
'15 Smith, Lawrence
'16 Treudley, Mary B.
'17 Zigler, Michael J.

Wellesley Hills
'36 Logan, Richard F.
'10 Millea, John E.
'35 Porter, David R.

Westboro
'09 Chase, Howard E.
'36 George, Gordon B.
'29 Goldman, Nathan
'36 Hulbert, K. Lee
'39 Kimball, Roland C.
'25 Montgomery, Eugene P.

West Boylston
'31 Cavanaugh, Teresa J.
'26 Cooke, James A.
'27 Little, James G.
'39 Marden, Douglas W.
'34 Moran, Helen G.
'37 Peltier, Louis C.
'12 Peltier, Louis J.

West Brookfield
'33 Benson, Gordon L.
'13 Cochran, Harold C.

West Concord
'11 Damon, Alice H.

Westfield
'26 Brooks, Mrs. E. Bennett
'21 Toombs, Herbert R.

Westford
'36 Blaney, Cyril C.

West Millbury
'27 Beaton, Stephen, Jr.

West Newton
'11 Gammons Herbert
'11 Loomis, Robert H.

West Roxbury
'17 Allen, Mildred
'10 Roche, John F.

West Somerville
'11 Racine, Arthur R.

West Upton
'32 Dearth, John A.

Westwood
'39 Langenheim, William J.
'31 Simonds, Stuart H.

Whitinsville
'29 Deeks, William T.
'32 Hair, Richard C.

Wilbraham
'22 Conklin, Robert J.
'27 Small, Ralph L.

MASSACHUSETTS (cont.)

Williamsburg
'31 Foster, Edward C.

Williamstown
'36 Barnett, Mrs. Vincent M.
'32 Biron, Archille H.
'39 Biron, Leo J.
'17 Clark, John B.

Winchendon
'05 Greenwood, Robert B.
'05 Harrington, Berton B.

Winchester
'16 Blanchard, Harold H.
'33 Marshall, Benjamin T., Jr.
'12 Whitman, Warren C.

Winthrop
'12 Powers, Frank R.

Woburn
'24 Grey, Robert M.

Wollaston
'26 Durgan, Elford S.

Woods Hole
'20 Ballard, Kenneth C.
'17 Pond, Samuel E.

Worcester
'38 Adamian, Parnag G.
'13 Adams, Frank L.
'33 Adams, Lambi N.
'12 Alexander, Forrest E.
'31 Ambrose, Michael J.
'31 Anderson, Alton R.
'11 Anderson, Ernest L.
'26 Anderson, Henry C.
'34 Anish, Alfred W.
'38 Arnold, S. Leonard
'33 Aronovitz, Edward
'35 Arsenault, Philip E.
'07 Asher, Jacob
'16 Atwood, Leland L.
'27 Atwood, Wallace W., Jr.
'32 Atwood, Mrs. Wallace W., Jr.
'13 Averill, Lawrence A.

'33 Back, Arthur W.
'35 Bacon, Ruth I.
'38 Baharian, Bedros
'15 Bartlett, Ralph S.
'26 Bassett, Walter G.
'32 Battersby, Kenneth A.
'28 Baxter, John F.
'35 Beeber, Raymond A.
'06 Belisle, Ferdinand J.
'32 Belkin, Solomon
'22 Benjamin, Mendall
'36 Berg, Carl G.
'24 Bergan, J. Frederick
'36 Bibeau, Delphis, Jr.
'37 Bieberbach, Phyllis M.
'34 Bishop, Harold M.
'27 Bjorkoe, Mrs. George O.
'28 Bloom, William O., Jr.
'37 Boin, Victor P.
'10 Boland, M. Genevieve
'35 Bolduc, Robert A.
'32 Bowen, Grace L.
'14 Boyajian, Setrak K.
'11 Boyle, Charles F.
'30 Boyle, Thomas E.
'38 Brandes, Frederick M.
'39 Brauer, Archie A.
'37 Brauer, Murray S.
'34 Brearley, Robert G.
'27 Breen, Thomas A.
'17 Brennan, Fred J.
'16 Brennan, Mrs. Fred J.
'16 Brierly, John E.
'38 Briggs, Charles D., Jr.
'16 Brigham, Harold K.
'12 Brigham, Lawrence W.
'39 Brigham, Robert I.
'18 Brooks, Bernard F.
'14 Brooks, Roger E.
'36 Brosnihan, Andrew J.
'37 Brown, Annie J.
'33 Brown, Robert H.
'38 Brulé, Irving W.
'37 Bryant, Gertrude M.
'39 Buckley, Helen T.
'31 Burke, James F.
'16 Burnham, Guy H.
'35 Burns, Kathleen M.
'38 Burt, Arthur L.
'39 Burton, Ethel S.
'34 Butler, Philip E.
'29 Butler, Richard W.
'12 Butler, Walter G.
'36 Butler, William F., Jr.

'24 Caase, Emilie C.
'33 Cahill, Mrs. William J.
'32 Callahan, Ellen G.
'24 Callahan, Mary J.
'28 Callahan, Mary M.
'32 Callahan, Winifred C.
'31 Campbell, Anna L.
'33 Carey, Helen M.
'26 Carlson, Gustaf H.
'12 Carmichael, Robert R.
'33 Casale, Daniel J.
'10 Cashen, George B.
'30 Christensen, Thomas E.
'39 Churchill, Frederick J.
'11 Clancey, Frank H.
'37 Clifford, Timothy F.
'36 Coffey, Grace C.
'33 Cohen, Fannie B.
'24 Cohen, Irving C.
'39 Colby, Carroll D.
'16 Cole, Franklin E.
'35 Cole, Robert C.
'24 Collamore, Edna A.
'31 Conlon, Nellie E.
'31 Conroy, Anne C.
'37 Convery, James F., Jr.
'31 Costello, Florence P.
'35 Cotton, Lois A.
'38 Cotzin, Milton
'28 Cove, Joseph E.
'32 Craffey, Frances E.
'21 Crock, Israel Z.
'39 Cunningham, Helen M.
'29 Curley, Elizabeth G.
'08 Curtis, Elnora W.

'29 Daley, Kathrine M.
'37 Daley, Mary A.
'38 Damarjian, Aram
'21 Davis, Walter N.
'34 Delaney, Mrs. Mary F.
'38 DeLollis, Nicholas J.
'31 de Marco, Joseph, Jr.
'30 Dewar, Margaret H.
'30 Diamond, Joseph
'12 Dickie, Allan
'32 Diggins, Grace L.
'32 Diggins, Helen B.
'05 Disney, Charles E.
'07 Dixon, Edith M.
'30 Dobie, Albert J.
'10 Dolan, Edward J.
'38 Dolan, Mary A.
'30 Donahue, Michael A.
'22 Donnelly, Everett C.
'30 Donnelly, Mary T.
'26 Donoghue, Cornelius S.
'19 Doolittle, Clyde B.
'25 Dorward, Arthur R.
'09 Dowd, John E.
'09 Downey, Helen M.
'34 Downey, Joseph D.
'30 Doyle, Catherine A.
'31 Drohan, John J.
'26 Duke, Mary A.
'26 Dumas, Theodore E.
'33 Dworkin, Myer A.
'29 Dymond, Emily

'27 Eagan, Henry F.
'37 Elias, Stephen S.
'16 Ellsworth, Frank H.
'39 Epstein, Burton
'37 Erickson, Irving P.
'25 Erickson, Robert S. H.
'35 Erickson, Roland A.
'38 Erickson, Viola B.
'32 Estabrook, Rita C.

'21 Farnsworth, Albert
'34 Feeley, Katherine R.
'36 Feingold, Joseph H.
'15 Feingold, Louis S.
'30 Feinsilver, Oscar
'39 Feldman, Theodore E.
'07 Felton, Leon E.
'10 Fenner, Harold L.
'33 Ferguson, Otis C.
'27 Fitzgerald, John E., Jr.
'26 Fitzgerald, John J.
'33 Fitzpatrick, Robert J.
'38 Fleming, Raymond E.
'20 Fogarty, John J., Jr.
'23 Foley, Harriet A.
'16 Foster, George P.
'05 Fox, Michael B.
'23 Fox, Winton E.
'30 Foxhall, Harry M.
'39 Friedman, Stanley M.
'29 Fryer, Francis L.

'32 Galvin, Howard W.
'05 Garbutt, J. Ralph
'05 Gates, Burton N.
'39 Gatti, Mentana
'22 Gay, Harold J.
'29 Gervais, Roland E.
'36 Gilgan, Mary A.
'35 Ginn, Addie M.
'16 Ginsburg, Maynard
'10 Goddard, Robert H.
'38 Goff, Joseph N.
'37 Goldberg, Edwin L.
'23 Goldberg, Joseph
'35 Gould, David M.
'34 Graham, Vincent P.
'38 Gray, Elizabeth M.
'30 Gray, Margaret V.
'20 Greenberg, Abraham
'07 Greenwood, Rolland R.
'36 Grodberg, David A.
'33 Grodberg, Emil H.
'38 Grout, Vernon M.
'15 Guerin, Mary E.
'39 Guterman, Bert

MASSACHUSETTS (cont.)

Worcester (cont.)

'39 Haddad, Albert
'31 Haddad, William
'39 Hadidian, Zareh
'38 Hadidian, Mrs. Zareh
'35 Hall, Oliver R.
'08 Handy, LeRoy M.
'39 Hanna, Archibald, Jr.
'36 Hansen, Robert E.
'30 Harding, Kenneth C.
'31 Harney, Marion
'38 Hays, Janet C.
'33 Healey, Gertrude F.
'29 Healey, Josephine E.
'32 Healy, Mary C.
'10 Hearn, George D.
'33 Henderson, Mildred A.
'25 Herbert, Mrs. John J.
'39 Higgins, Charles A.
'07 Hillman, Archibald M.
'18 Hillman, Samuel I.
'30 Hines, Agnes W.
'33 Hines, Anna G.
'13 Hoar, Mrs. Charles E.
'35 Hoar, Walter A.
'36 Hodgkins, Alfred S.
'28 Hogan, Frances H.
'38 Howard, Walter J.
'33 Howarth, George E.
'29 Hughes, Hartwell M. T.
'38 Hunter, George A.

'17 Illingworth, Robert S.
'34 Illingworth, Mrs. Robert S.
'22 Ivok, Leo I.

'29 Jefts, Lillian
'12 Johnson, Carl
'34 Johnson, Charles F.
'14 Johnson, Charles W.
'25 Johnson, Emil
'29 Johnson, Hilda V.
'28 Johnson, Olga A.
'34 Johnson, Wendell J.
'31 Johnston, Philip W.

'30 Kane, Mary F.
'31 Kaneb, George D.
'34 Kaneb, Kenneth A.
'33 Karaku, Louis T.
'34 Kaufman, Mrs. Edith R.
'34 Kayer, Donald A.
'30 Kelley, Alice E.
'21 Kelley, Harry N.
'37 Kennan, Dana W.
'35 Kennedy, Anne P.
'33 Kennedy, Irene M.
'34 Kennedy, Kathleen M.
'31 Kennedy, Margaret C.
'37 Kennedy, Mary E.
'36 Kennedy, Winnifred C.
'38 Killeen, Florence F.
'33 Kilton, Dorothy G.
'12 Kimball, Ralph G.
'24 King, Charles V.
'32 King, Helen L.
'39 King, Mary F.
'29 Kirby, Margaret V.
'11 Kirkpatrick, Robert
'31 Klinglof, Philip A.
'38 Kneller, John W.
'38 Knight, Albert E.
'21 Knight, Kenneth H.
'31 Korpi, Reino
'31 Krutzky, Martin L.

'36 Laine, Iver
'36 Laskoff, Leo L.
'38 Laverty, Alfred
'17 Leavitt, Joseph
'34 Lee, Alice J.
'34 Lehtinen, Paul J.
'05 Leland, Leslie P.
'32 Lemaire, Minnie E.
'23 Levenson, Benjamin
'30 Levenson, Samuel
'21 Lewis, Charles B.
'37 Lewis, William L.
'16 Leyserah, Peysah
'38 Lidstone, Reginald D., Jr.
'05 Lingley, Ralph G.
'38 Lisabitsky, Joseph S.
'37 Lodding, Woodrow C.
'31 Lombard, Helen F.
'34 Lombard, Mildred A.
'37 Lotz, William A.
'30 Lundgren, Evelyn C.
'37 Lupien, David W., Jr.
'29 Luvisi, Fred P.
'35 Lynch, George F.
'32 Lynch, Mary V.

'31 McAuliffe, Grace E.
'30 McAuliffe, Margaret I.
'36 McCarron, Andrew T.
'32 McCarthy, Margaret N.
'36 McDonald, Mary I.
'32 McDonnell, Mary C.
'31 McGourty, Annie V.
'38 McGrail, Florence E.
'36 McGrail, James J.
'32 McGuire, Bernice K.
'37 McGuire, John A.
'36 McHugh, Elizabeth F.
'39 McInerny, James A.
'39 McKenna, James W.
'33 McLaughlin, Theodore T.
'34 McManus, Elizabeth S.
'30 McMurray, Mary D.
'08 McNamara, Frank P.
'33 McPherson, George S.
'27 McQueeny, Theresa F.

'32 MacDowall, Edward W., Jr.
'38 Mahan, Kathryn E. A.
'22 Maher, Ellen A.
'36 Maher, John W.
'27 Maher, Margaret E.
'36 Maher, William J.
'35 Mahoney, Marie P.
'39 Malkasian, Henry A.
'39 Malkoski, Adolph W.
'32 Malmstead, Chester W.
'37 Manoogian, Michael
'30 Marchant, William E.
'39 Martin, Paul F.
'25 Matthews, Marietta
'20 Mathews, Mathew J.
'38 Maxwell, Lillian R.
'19 Meleski, Harry J.
'37 Melville, Robert S.
'16 Merriam, George H.
'36 Michelson, Mrs. Goldie C.
'37 Miles, Robert A.
'39 Miliefsky, Henry S.
'28 Mills, Frederick T.
'07 Mirick, George H.
'18 Mitchell, Archibald W.
'39 Moberg, Wensel W.
'13 Molt, Robert N.
'30 Moore, Jonathan F.
'39 Moran, Honora A.
'08 Moriarty, George F.
'10 Morley, Raymond K.
'38 Morris, Joycelin I.
'34 Moss, Paul F.
'38 Murphy, Anna L.
'21 Myers, Roscoe W.

'34 Nagle, Mary E.
'33 Neary, Michael T.
'19 Nelson, Arthur J.
'38 Nelson, Rodney E.
'38 Niven, Jorma I.
'36 Nystrom, J. Warren

'11 Oakes, John W.
'14 O'Connell, John F.
'14 O'Connell, Joseph V.
'34 O'Connor, John F.
'31 O'Connor, Sabina G.
'14 O'Day, John P.
'33 O'Donnell, Eleanor M.
'31 O'Donnell, Mary A.
'12 Oehme, Paul A.
'13 O'Flynn, George B.
'39 O'Grady, Winifred L.
'37 Ohrn, I. Marie
'34 Ohrn, Roy A.
'23 O'Leary, Ellen J.
'22 O'Leary, John B.
'21 Olin, Paul A.
'39 Olson, Carl W., Jr.
'39 Olson, Walter A.
'37 Ortman, Joseph F.
'32 Ostrom, Abbie C.
'32 O'Toole, Edward J.
'32 O'Toole, George A.

'38 Page, Howard E.
'14 Parker, Charles C.
'33 Parker, David J.
'38 Parslow, John B.
'33 Pender, John J.
'35 Perman, Maxwell L.
'23 Perman, Samuel
'17 Perrin, Lloyd W.
'37 Perry, Joseph L.
'11 Perry, William B.
'37 Person, Robert
'38 Peters, George M.
'39 Peterson, Helga E.
'22 Phinney, William L., Jr.
'14 Pilsworth, Malcolm N.
'37 Popowicz, Walter T.
'37 Potter, Laurence E.
'32 Poulin, Eva A.
'39 Powell, Allen S.
'31 Power, Josephine R.
'31 Power, Katherine L.
'36 Pride, George H.

'10 Ramsdell, Floyd A.
'29 Raphael, Ralph
'23 Ratigan, John E.
'19 Rebboli, Mrs. Mary D.
'34 Reynolds, James B.
'10 Rice, Allan G.
'08 Richardson, Carlton E.
'37 Richardson, Horatio M., Jr.
'24 Richmond, Eugene L.
'35 Riley, James L.
'24 Riley, Michael F.
'38 Riley, Paul W.
'31 Riley, Stephen T.
'29 Ringoen, Andrew T.
'36 Rochette, Robert P.
'37 Romanoff, Bernard L.

MASSACHUSETTS (cont.)

Worcester (cont.)
'20 Roope, Percy M.
'34 Rosvall, Toivo D.
'36 Rothera, Ralph E.
'39 Rourke, Elizabeth A.
'38 Roy, Eric A.
'34 Rubin, Morton A.
'21 Russell, Edward D.
'05 Ryan, Edward A.
'34 Ryan, Philip E.

'19 St. John, Abraham G.
'11 Sampson, George G.
'34 Sandman, Jordan P.
'32 Savage, Elizabeth A.
'33 Sayle, Harriet A.
'33 Sayle, Mary E.
'10 Schofield, Roger W.
'37 Schorr, Stanley A.
'24 Schultz, Isadore E.
'39 Schultz, Julian
'29 Schwieger, Albert J.
'21 Seder, Saul A.
'18 Segal, Harry
'36 Serijan, Kasper T.
'21 Shapiro, Harry I.
'33 Shaw, Earl B.
'38 Shaw, Paul F.
'33 Shaw, William P.
'35 Shea, Agnes G.
'37 Shea, Daniel J.
'38 Shea, Joseph E.
'32 Shea, Joseph M.
'38 Sheedy, Eleanor
'27 Sheftel, Harry B.
'31 Sheftel, Milton S.
'29 Sherman, David
'38 Shwadran, Benjamin
'21 Signor, Henry L.
'29 Silverman, David B.
'27 Silverman, Samuel
'20 Simmerer, H. Eugene
'37 Simonds, William A.
'30 Sleeper, Samuel
'34 Smart, Lyndwode N. L.
'39 Smith, Edward A.
'19 Smith, Laura G.
'26 Smith, Louis V.
'22 Smith, Mary A.
'20 Snow, Arthur P., Jr.
'36 Solomon, Abraham
'30 Solomon, Harry D.
'38 Spencer, Charles E.
'35 Spencer, Roger B.
'28 Stanton, Cora A.
'38 Stead, Albert T.
'15 Stearns, George E.
'30 Stevens, Frank P.
'33 Stevens, James M.
'06 Stevenson, Timothy J.
'36 Stewart, Kenneth H.
'37 Stimson, William T.
'26 Storer, Irving L.
'35 Sullivan, George P.
'13 Sullivan, John F.
'28 Sullivan, John J.
'33 Sullivan, Leo V.
'38 Sullivan, Marie
'30 Sullivan, Mary V.
'11 Sullivan, Thomas F.
'39 Sundeen, Roy C.
'26 Surabian, Simon
'26 Swan, Paul R.
'27 Swartz, David E.
'33 Sweeney, Eugene M.

'14 Talamo, Joseph
'35 Talbot, Geraldine C.
'34 Talbot, Russell P.
'34 Tangney, Robert A.
'34 Tashjian, Berge C.
'37 Terrill, Irving W.
'27 Tierney, Thomas J.
'15 Todd, Leonard C.
'32 Toomey, Harry L.
'33 Tosi, Ernest A.
'30 Traynor, Catherine T.

'37 Vaitkus, John W.

'20 Wahlstrom, Carl E.
'13 Waite, Mary A.
'34 Walker, Donald A.
'17 Walsh, Henry C.
'32 Walsh, Vincent M.
'33 Ward, Mary L.
'37 Warren, Arthur B.
'26 Weed, Bester C.
'31 Wellington, Parker
'29 West, Anthony J.
'34 Westerholm, Roland J.
'21 Wheeler, Albert H.
'34 Whitman, Howard G.
'30 Whitman, Samuel M.
'36 Wilder, Arthur S.
'38 Willard, Ethel L.
'25 Williams, John L.
'39 Wilmarth, Madelin A.
'28 Wilmouth, Irene F.
'30 Winter, Frederick
'15 Woodbury, Harold D.

'38 Yetvin, Irving J.
'34 Young, Benjamin C.
'24 Young, Jacob Y.
'27 Young, Richard E.
'36 Youngquist, Lincoln R.

MICHIGAN

Ann Arbor
'29 Avery, Mrs. Eula V.
'98 Curtis, Henry S.
'23 James, Preston E.
'19 Langford, Cooper H.
'10 McIndoo, J. M.
'06 Myers, George E.
'14 Woodhead, Arthur E.

Detroit
'13 Anselmi, Adolph
'37 Beishlag, George A.
'34 Blomfield, Carl J.
'35 Blomfield, Mrs. Carl J.
'24 Cammett, Stuart H.
'28 Holzhauer, Carl F.
'28 Holzhauer,
Mrs. Carl F.
'30 Hudgins, Bert
'13 Johnson, Frank L.
'19 Lange, Herbert F.
'10 Luther, Robert H.
'16 Otis, Paul H.
'09 Patterson, Thomas L.
'14 Phelps, Everett R.
'24 Sessions, William V.
'17 Stevenson, Eugene
'33 Thomas, Albert R.
'30 Ussher, Sydney R.

East Lansing
'33 Newman, Sidney H.

Grand Rapids
'07 Broene, Johannes
'17 Dickey, Earl H.

Harbor Beach
'15 Thomas, Adrian

Highland Park
'21 Shannon, Luke E.

Hillsdale
'13 Sherman, William R.

Kalamazoo
'24 Carney, E. Seaton
'21 Stowe, Allen B.

Midland
'22 Alquist, Francis N.

Olivet
'16 King, James

Onsted
'08 Steves, George H.

Parchment
'22 Des Autels, George F.

Royal Oak
'34 Howarth, Margery D.
'11 Jackson, Harry L.

St. Johns
'28 Hanratta, Anna

Ypsilanti
'29 Glasgow, James H.

MINNESOTA

Duluth
'12 Bohannon, Eugene W.
'30 Corfield, George S.
'37 Fause, Asbjorn
'38 Kohne, John T.
'36 Minogue, James A.
'33 Primmer, George H.

Eveleth
'29 Backlin, Everett E.

Minneapolis
'33 Altman, Mrs. O. R.
'17 Bird, Charles
'21 Hodgkinson, Harold
'13 Horne, William O.
'20 Kirkpatrick, Clifford
'20 Willey, Malcolm M.

Moorhead
'27 Schwendeman,
Joseph R.

Rochester
'33 Guthrie,
Mrs. Robert F.
'16 Thompson, Luther S.

St. Paul
'34 French,
Wellington A.
'24 Hastings, Russell B.
'09 Karlson, Karl J.
'03 Kuhlmann, Fred
'37 Pepin, John L.
'23 Shiflet, Chester H.
'21 Tinker, Miles A.

MISSISSIPPI

Clarksdale
'39 Fontaine, Mary E.

MISSISSIPPI (cont.)

Jackson
'11 Basnett, Douglas

Tougaloo
'23 Rice, George E.

MISSOURI

Columbia
'39 Brigham, Robert I.
'38 Culbert, James I.
'23 Mullette, Charles F.

Independence
'14 McDowell, Floyd M.
'16 Smith, Frederick M.

Kansas City
'34 Ekblaw, Sidney E.
'38 Hammond, Merle W.
'14 Knapp, Merle C.

Marionville
'32 Houston, Charles E.

Maryville
'25 Mason, Carol Y.

Monett
'30 Blackwell, George L.

Rolla
'12 Frame, Floy H.

St. Louis
'37 Guterman, Henry S.
'14 Purnell, John H.
'23 Schmucker, John P.
'35 Schreiber, Frederick A.
'31 Sherman, Walter R.
'34 Smith, Mrs. J. Sheppard, Jr.

Springfield
'27 Koeppe, Clarence E.
'34 Lotven, Jacob

University City
'33 Moore, Mrs. Carl V.

MONTANA

Deer Lodge
'25 Stejer, Francis A.

Independence
'16 Burgess, Mrs. S. A.

Sayle
'16 Oldenburg, William H.

NEBRASKA

Kearney
'35 Varg, Paul A.

Lincoln
'32 Anderson, Esther S.
'27 Bengtson, Nels A.
'30 Kendall, Gerald M.
'37 Marburg, Theodore F.
'35 Russell, Roger W.
'28 Van Royen, Willem

Omaha
'24 Auchampaugh, Philip G.
'17 Bean, Francis J.
'27 Cole, Mrs. Ruth L.
'05 Haynes, Rowland

NEVADA

Reno
'15 Hicks, Charles R.

NEW HAMPSHIRE

Conway
'21 Ryer, William H.
'08 St. John, Edward P.

Durham
'19 Ekdahl, Adolph G.
'20 Kalijarvi, Thorsten W. V.
'22 Partridge, Allan B.
'05 Slobin, Hermon L.

Enfield
'23 Shipman, Julia M.

Exeter
'10 Twichell, Mrs. Henry S.

Groveton
'37 Keene, Ella O.

Hanover
'29 Carlson, Albert S.
'25 Potts, W. Gerald
'97 Stewart, Colin C.

Keene
'12 Goodrich, Merton T.
'30 Gregory, Elizabeth E.
'37 May, Louis H.

Lancaster
'10 Hinkley, Irving A.

Lisbon
'14 Trafton, F. Lester

Littleton
'10 Dodge, Henry A.

Manchester
'33 Cardinal, Raymond F.
'27 Forsberg, Randolph W. A.
'27 Paige, Mildred M.

Milford
'37 Dubé, Joseph Z.

Nashua
'30 Bingham, Mary A.
'17 Farwell, Mrs. Genevieve C.

North Walpole
'08 Russell, James A.

Northwood
'99 French, John S.

Plymouth
'36 Dooley, Norma A.
'30 Spence, Vina E.

Quincy
'25 Dodge, Raven O.

Tilton
'29 Adams, Hobart W.

Wilton
'17 Stanton, Joseph M.

Winchester
'33 Fox, Louvane A.
'20 Pruette, Lorine L.

Wolfboro
'20 Greenall, Walter G., Jr.

Woodsville
'07 Mann, Henry C.

NEW JERSEY

Allendale
'24 Potter, Norwood C.

Beachwood
'20 Closson, Earle R.

Beverly
'29 Lukens, F. Nelson

Bloomfield
'05 Bender, William A.

Bound Brook
'37 Bliven, Roger
'32 Herrick, Guy S.
'35 Petke, Frederick E.
'33 Salminen, Ilmari F.
'32 Whitehouse, Karl C.

Camden
'23 Armitage, Frank G.
'38 Scheibe, Fred K.
'35 Wasson, Margaret M.

Chatham
'23 Forney, John D.

Clifton
'28 Johnson, Robert E.

Closter
'28 Meyer, Leo J.

Collingswood
'10 White, Ralph H.

Cranford
'36 Giraitis, Albert P.

Dover
'16 Allison, Vernon C.

East Orange
'10 Fuller, Harold F.
'24 Shor, David M.

Elizabeth
'15 Paine, Merrill P.
'16 Peck, Edward B.
'23 Rosen, Raphael

Englewood
'26 Benner, Clyde F.

Glen Ridge
'37 Fairchild, Mrs. Johnson E.
'16 Hartz, George E.
'12 Stoddard, Russell B.
'13 Townsend, Irving J.

Hackettstown
'29 Stewart, Walter G.

Jersey City
'18 Clee, F. Raymond

NEW JERSEY (cont.)

Jersey City (cont.)
'39 Rajala, Asari
'31 Ross, John W. H.

Leonia
'20 Blair, John E.

Marlboro
'28 Stone, Robert

Montclair
'15 Aldrin, Edwin E.
'37 Quimby, Margaret
'32 Sowden, Ruth V.
'17 Wood, Ernest R.

Mountain Lakes
'22 Parkes, Alanson W.

Newark
'35 Conant, Alvah J.
'25 Ferrara, Adam E.
'36 Keith, John R.
'23 Pucillo, John
'22 Rizzolo, Allilio M.
'15 Robinson, Bruce B.
'34 Smithline, A. Joseph
'34 Zarrow, Myer X.

New Brunswick
'27 Corbin, Milton W.
'15 Pratt, Carroll C.
'20 Pratt, Mrs. Carroll C.
'16 Prince, Arthur L.

New Milford
'33 Schneidler, Gertrude R.

New Providence
'24 Engleman, Harry A.

North Plainfield
'32 Wilner, Irving

Nutley
'21 Blom, E. William U.

Orange
'17 St. John, Ancel

Passaic
'36 Gifford, Roger G.
'33 Korpi, Urho

Paterson
'11 Kaufman, Reuben
'28 Rothman, Theodore

Penns Grove
'12 Dunphy, Raymond A.

Plainfield
'14 Burdick, Earl V.
'26 Griffith, Clifford O.
'33 Strub, George R.

Pleasantville
'11 Schwab, William K.

Princeton
'11 Lefschetz, Solomon
'11 Lefschetz,
Mrs. Solomon

Runnemede
'30 Snape, Thelma L.
'33 Snape, William J.

Short Hills
'17 Russell, Robert P.

Somerville
'28 Whiting, Stanley H.

South Bound Brook
'32 Holmgren, Axel V.
'36 Holmgren, Mrs. Axel V.

Stelton
'26 Dawson, George A.
'12 Klain, Zora
'15 Lanois, J. Henry

Tenafly
'09 Nagle, Ashley R.

Toms River
'32 Johnson, Walter L.

Unionville
'06 Wakefield, Jerry M.

Upper Montclair
'15 Aldrin, Edwin E.
'14 Ferguson, Harold A.
'26 Milstead, Harley P.
'16 O'Hara, V. Winthrope

Verona
'13 Ogilvie, Clinton B.
'10 Sheldon, Otis C.

Westfield
'21 Johnson, Ernest W.
'34 Robinson, Virginia M.
'14 Ward, John T.

West Orange
'05 Cooke, Frederick N.

NEW MEXICO

Roswell
'10 Goddard, Robert H.

NEW YORK

Albany
'13 Beik, Arthur K.
'30 Blomstrom, Lillian S.
'09 Davis, Glenn M.
'93 Metzler, William H.
'16 Waits, Benjamin L.

Alfred
'20 Rice, Murray J.

Annandale-on-Hudson
'16 Sottery, C. Theodore

Aurora
'12 Campbell, Ivy G.
'06 Lyford, C. Allan

Baldwin
'38 Bond, Evelyn G.

Bayside
'09 Le Sure, Harvey K.

Beacon
'18 Cook, Leon W.
'21 Morrison, Arthur B.
'21 Towne, Charles C.

Bellemore
'23 Clark, Wendell J.

Binghamton
'38 Cicak, Robert R.

Bolton Landing
'26 Lamb, Wallace E.

Brightwaters
'20 Whitcomb, G. Rowe

Bronx
'33 Darkenwald, Gordon G.
'16 Lehrer, Leib
'37 Scanlan, James J.
'20 Silvanie, Haig

Brooklyn
'11 Arnold, David J.
'31 Beeber, Maxwell S.
'33 Berengarten, Sidney
'32 Berkley, Louis
'32 Berkley, Mrs. Louis
'39 Diliberto, Joseph F.
'38 Dillon, Lucille A.
'13 Gibney, Carroll N.
'28 Goss, George L.
'30 Harter, Mrs. George
'27 Heath, Charles O.
'39 Heller, Shirley M.
'95 Hill, John E.
'09 Kelley, Charles B. L.
'22 Levine, Edward H.
'34 Levine, George
'14 Lieber, Mrs. Hugh G.
'28 Master, Moses
'29 Niman, William A.
'27 O'Halloran, William F.
'22 Pratt, Stewart M.

Buffalo
'05 Dessert, Nelson P.
'24 Hood, Everett W.
'35 Lisk, George F.
'14 Sproul, Leland S.
'30 Thomas, Raymond C.
'31 Toy, Charles M.

Camden
'35 Waldron, Florence I.
'35 Wasson, Margaret M.

Canton
'34 Corey, Albert B.

Catskill
'35 Haines, Ethel

Cornwall
'28 Kraemer, Irving W.

Cortland
'31 Botts, Adelbert K.
'12 Dwyer, John F.
'13 Gibney, Carroll N.
'23 Park, Bessie

Cutchogue
'23 White, Lester P.

Delevan
'37 Van Name, M. Etta

Delmar
'21 Prue, Milton F.

East Hampton
'14 Eells, Earnest E.

East Rochester
'31 Davis, Mrs. James W.

NEW YORK (cont.)

East Williston
'09 Phelan, William F.

Elmira
'29 Gerard, Wilhelmina
'17 Harris, Frank

Endicott
'39 Millen, Donald N.

Far Rockaway
'26 Griff, Samuel

Fieldstone
'26 Graf, Francis O.

Fishkill
'18 Peters, Mrs. Frederick

Flushing
'37 Davis, Wendell W.
'34 Holter, Richard N.
'39 Reichenthal, Eugene H.
'28 Tatham, Stanley J.

Forestville
'26 Merritt, Bessie A.

Garden City
'10 Foster, James K.

Geneva
'17 Bullard, Ralph H.
'28 Lehnert, Frederick O.
'12 Whiting, Robert A.

Glens Falls
'25 Beswick, Albert E.
'13 Boyce, Paul L.
'31 Van Der Voort, John L.

Gloversville
'33 Politsch, Lloyd B.

Hamburg
'33 Johanson, Y. Walter

Hamilton
'26 Choquette, Charles A.
'14 Daniels, Earl R. K.

Harrison
'27 Porter, Gordon D.

Hempstead
'39 Berman, Ira B.
'30 Mattson, Arthur E.

Hewlett
'12 Johnson, Ward L.

Hicksville
'29 Ferdinand, Mrs. Robert

Ithaca
'10 Forbes, William T. M.
'25 Gates, Paul W.
'26 Gates, Mrs. Paul W.
'16 Moore, Clyde B.
'98 Rettger, Ernest W.
'35 Sukaskas, Vitold
'11 Weld, Harry P.

Jackson Heights
'29 Belanger, Leonard J.
'18 Hickman, Clarence N.
'23 Nadler, Jacob E.
'29 Shanahan, Raymond P.
'13 Staebner, William H.
'18 Thompson, Russell S.
'25 Toomey, John J.
'26 Weber, J. Henry

Jamaica
'21 Kunin, Joseph

Jamestown
'17 Lundgren, LeRoy E.

Keeseville
'10 Thomas, Horatio W.

Kenmore
'25 Whittemore,
Mrs. Charles W.

Kew Gardens
'21 Boylan, George E.
'30 Brissette,
Armand J., Jr.

Kingston
'31 Kinsella, Thomas

Little Neck Hills
'05 Keith, William H.

Long Beach
'18 Jasem, Saul I.

Long Island City
'31 Arick, Wilfred R.

Mamaroneck
'10 Wesson, Philip D.
'30 Winton, Hildreth T.

Marcellus
'28 Farrell, Wilfred R.
'33 Thompson, Tillie M.

Middletown
'29 Payne, Sarah A.

Moravia
'36 Wentworth,
Mrs. Lelia S.

Mount Vernon
'09 Carr, Roland P.
'32 Collins, Anna B.
'96 Edmondson, Thomas W.
'10 Holmes, William H.
'28 Murphy, Theresa M.
'29 O'Neill, John A.

Napanoch
'28 Coty, Everett W.

New Brighton
'28 Plumb, Philip B.

Newburgh
'35 Menard, Roland J.

New Rochelle
'21 Ross, Burgess B.
'21 Ross, Mrs. Burgess B.

New York City
'31 Adler, Mrs. Stephen
'26 Aleck, Adolph W.
'23 Armitage, Harold B.
'20 Baxter, William J.
'21 Blanchard, Kenneth C.
'27 Browne, Mrs. Grant H.
'22 Chang, C. William
'10 Chase, Harry W.
'09 Chase, Mrs. Harry W.
'03 Coffin, Joseph G.
'29 Coffyn, Kingsland A.
'33 Colbert, Maurice J.
'21 Corash, Harry
'20 Crafts, Leland W.
'16 Darling, Eugene A.
'08 Dean, Ernest W.
'39 Erickson, Carl R.
'05 Estabrook, Arthur H.
'36 Fairchild, Johnson E.
'36 Fink, Marvin S.
'23 Finkelstein, Herman
'18 Flagg, A. Glennon
'33 Franklin, Gladys
'17 Fryer, H. Douglas
'32 Gissen, Max
'35 Glidden, Walter D., Jr.
'15 Goldblatt, Myron E.
'34 Goodrich, Cleon W.
'27 Green, H. Howard
'98 Guillet, Cephas
'28 Hickey, Thomas J.
'29 Hillman, Owen N.
'39 Jonitis, Peter P.
'38 Kroll, Henry M.
'24 Lloyd, Frank S.
'23 Long, Edward J.
'13 Mandelstam, Abraham
'26 Mead, Raymond G.
'23 Melican, James P.
'21 Morrison, Joshua
'22 Nadler, Aaron
'35 Palmer, Franklyn G.
'22 Partridge, Roland E.
'22 Peardon, Thomas P.
'24 Perlmutter, Nucia
'12 Pierce, Harold F.
'17 Power, Francis W.
'08 Prager, William L.
'27 Richards, Gragg
'37 Ristow, Walter W.
'38 Russell, Vincent P.
'13 Sargent, Elon G.
'20 Schoonmaker, George B.
'33 Seligson, Isaac
'12 Smith, Milton
'26 Tashjian, John T.
'30 Wells, Mrs. Henry W.
'27 Wolfe, George M. D.
'21 Wuorinen, John H.

Niagara Falls
'12 Peckham, John L.

Nyack
'15 Blake, William H.

Oceanside
'35 Allan, W. Scott

Oneonta
'29 Matteson, Estella M.

Ossining
'26 Reynolds,
Mrs. Philip H.

Oswego
'27 Hart, Mrs. Isabelle K.
'14 Saisselin, Edward L.

Pawling
'34 Clark, Hugh D.

Pearl River
'30 Slade, Frank D.

NEW YORK (cont.)

Peekskill
'16 Joyce, Thomas B.

Potsdam
'31 Roberts, M. Catherine

Poughkeepsie
'15 Folsom, Joseph K.
'30 Grove, E. Viola
'38 Swartfiguer, Eva M.

Richmond Hill
'24 Hannan, James P.

Riverdale
'33 Smith, Joseph R.

Rochester
'39 Daum, Harry
'31 Davis, Mrs. James W.
'35 Koloseike, Mrs. Mary U.
'33 Laakso, Thomas L.
'26 McKelvey, Blake
'09 Parker, Lester S.
'32 Salminen, Wilho M.
'37 Schermerhorn, Lloyd A.
'33 Simpson, Robert B.
'38 Sundeen, Earl I.
'24 Towne, Edmund B.

Rockville Centre
'24 Gilbert, Ralph W.

Rome
'25 Blades, Ansley O.
'22 Fraser, A. D. Ross
'31 McIntosh,
Mrs. Robert P.

Rosendale
'37 Hayden, Mary D.

Rye
'21 Healey, John H.

Saratoga Springs
'23 Cockroft, Grace A.
'28 Crook, Mason N.
'27 Crook, Mrs. Mason N.
'22 Stonequist, Everett V.

Sayville
'14 Oxholm, Gustav K.

Scarsdale
'27 Geer, Gordon N.
'13 Moran, William T.
'13 O'Brien, Francis J.

Schenectady
'20 Hurd, Charles B.

Sherrill
'34 Smith, M. Winifred

Sidney
'15 Lansing, J. Twichell
'29 Scott, Allan C.

Staten Island
'30 Hollis, Walter
'13 Nordenholt, Herman C.
'39 Wilson, H. Hubert

Syracuse
'36 Blake, Nelson M.
'15 Brightman, Charles L.
'31 Cressey, George B.
'33 French, George M.
'28 Haines, C. Grove
'37 Tacker, Herbert R.
'13 Tobin, Frank A.
'19 Van Dusen, Albert P.

Troy
'28 Anderson, Sven A.
'39 Goldberg, Paul M.
'26 Reid, Frank J.
'32 Walker, Carol T.

Tuckahoe
'07 Macklin, Paul M.

Union Springs
'34 King, Willis L.

Victory Mills
'27 Peterson, Alice H.

Waddington
'27 Forsythe, Marion B.

Watertown
'28 Hall, Florence E.

West Coxsackie
'24 Coty, Francis J.

White Plains
'10 Fallon, Perlie P.
'21 Leonard, Clinton S.
'22 Thayer, Dwight H.
'19 Towle, Laurence C.

Whitestone
'22 Small, Sherwood H.

Yonkers
'22 Campbell, Elmer I.
'29 Duesel, Bernard F.

NORTH CAROLINA

Ashville
'19 Shalloo, James D.

Cary
'17 Mitchell, Lily E.

Chapel Hill
'28 Erickson, Franklin C.
'09 Odum, Howard W.
'09 Odum, Mrs. Howard W.
'21 Schwenning,
Gustav T.

Durham
'16 Nelson, Ernest W.
'30 Spaulding, Charles C.

NORTH DAKOTA

Devil's Lake
'34 Stautz, Althea C.

Gilmantown
'33 Sumner, Alfred R.

Grand Forks
'37 Oliver, A. Russell

Mayville
'28 Addicott, Harold B.

Rugby
'31 Gronvold, Eunice C.

Valley City
'24 Robertson, Ina C.

OHIO

Akron
'19 Bugdenovich, William
'13 Harrison, Marion M.
'12 Morton, Harold A.
'27 Tausch, Mrs. Anne E.

Ashland
'17 Jacobs, Edwin E.

Athens
'27 Cooper, Clyde E.
'07 Copeland, William F.
'09 Mackinnon, Clinton N.
'09 Matheny, William A.
'06 Porter, James P.

Berea
'38 Buehl, Clara C.
'14 Dustheimer, Oscar L.

Bucyrus
'18 Schieber, Clara E.

Cincinnati
'24 Brigham, Charles A.
'39 Shapiro, Nathan

Cleveland
'05 Allen, George E.
'15 Curtis, Roswell F.
'97 Ellis, A. Caswell

Cleveland Heights
'14 Green, Howard W.
'37 Hutchinson, Mary C.
'29 Keller, Lois R.
'26 Martin, Maude C.
'30 Schneider, Leonard R.
'10 Streeter, Robert J.

Columbus
'19 Batchelor, Wilbur C.
'38 Boyer, Helen M.
'99 Goddard, Henry H.
'24 Landin, Harold F. W.
'39 McCune, Shannon B.
'14 Mateer, Florence
'08 Rockwood, Robert E.
'17 Titchener, John B.
'26 Van Cleef, Eugene
'26 Van Cleef, Mrs. Eugene

Delaware
'16 Eells, Hastings

East Cleveland
'39 Booth, George E., Jr.
'29 Dahl, Randle E.
'08 Siddell, William G.

Granville
'26 Felt, William N.

Hiram
'29 Andress, Allen E.

Medina
'14 Bankes, Walter J.

North Kenova
'18 Finley, Austin P.

Oberlin
'11 Hartson, Louis D.

OHIO (cont.)

Oxford
'38 Hadsel, Fred L., Jr.
'25 McConnell, Wallace R.
'34 Tappan, Paul W.

Rocky River
'15 Dexter, Wilbur B.

Shaker Heights
'12 Schulze, John F. W.
'25 White, Charles L.

Sidney
'15 McCorkle, Charles E.

Springfield
'39 Leffel, Elwood S.

Toledo
'08 Arnos, Edward M.
'14 Cannon, Robert H.
'33 Collins, Gertrude R.
'35 Dorn, Herman

Youngstown
'27 Hobson, Maude A.

Wooster
'10 Brockman,
Mrs. Frank M.

Wyoming
'18 Reed, Ellery F.

Yellow Springs
'15 Chatterjee, Manmath N.

Zanesville
'31 Graham, Guilbert R.

OKLAHOMA

Alva
'11 Wood, Mrs. Moses E.

Bartlesville
'25 Grandone, Peter
'21 Smith, Harold M.
'09 Smith,
Nicholas A. C.

Okmulgee
'30 Scott, John H.

Stillwater
'26 Burrill, Meredith F.
'10 Donnell, Philip S.
'14 Fenton, Frederick A.

Weatherford
'14 McCormick, Clarence

OREGON

Eugene
'14 Crosland, Harold R.
'23 Fish, Andrew
'06 Jewell, James R.
'28 Leeper, Robert W.
'30 Leeper, Mrs. Robert
'00 Sheldon, Henry D.

Monmouth
'34 Carls, John N.

Portland
'33 Durham, Walter A., Jr.

Salem
'20 Hewitt, Roy R.

Wilderville
'13 Robinson, Kirkman K.

PENNSYLVANIA

Ardmore
'00 Slocum, Stephen E.

Birmingham
'28 Lee, Harriet E.

Bloomsburg
'24 Russell, H. Harrison

Cheyney
'37 Oak, Vishnu V.

Collegeville
'34 Miller, Eugene H.
'30 Miller, Mrs. Eugene H.
'20 White, Elizabeth B.

Coudersport
'12 Twining, Ralph H.

Cynwyd
'31 Willauer, Philip B.
'31 Willauer,
Mrs. Philip B.

Doylestown
'27 Goeller, Robert B.

Erie
'25 Goldblatt, Leo A.
'39 Siple, Paul A.

Gettysburg
'11 Bassett, Gardner C.

Grove City
'30 Haines, George H.

Langhorne
'05 Parker, Waldo D.

Lansdowne
'28 Eksergian, Rupen

Lewisburg
'36 Richmond, Mark S.

Mercersburg
'15 Jacobs, Wilmarth I.

Nanticoke
'38 Kistler, Esther L.

Narberth
'95 Bolton, Thaddeus L.
'18 Brierly, Ralph C.

New Buffalo
'04 Bucke, W. Fowler

Oakmont
'18 Callis, Conrad C.

Peach Bottom
'30 Herr, Elizabeth

Philadelphia
'09 Arnold, Fred M.
'11 Bennett, Glen R.
'05 Edmands, Charles F. W.
'18 Ericson, Folke E.
'22 Greer, Willard N.
'16 Greisheimer, Esther M.
'36 Hargreaves, H. Walter
'11 Hirsch, Samuel W.
'39 Irwin, William
'39 Krug, Louis A.
'20 Lucasse, Walter W.
'18 Lucasse,
Mrs. Walter W.
'36 Nelson, Carl E.
'38 Ney, Robert M.
'17 Pitlik, Samuel
'37 Porter, David
'21 Schub, Pincus
'18 Seder, Maxwell B.
'24 Shalloo, Jeremiah P.
'19 Uppvall, Axel J.
'24 Wooster, Charles B.

Pittsburgh
'39 Derr, Virginia L.
'33 Falk, Abraham
'13 Jones, George E.
'34 Karn, Harry W.
'07 Stebbins, George E.
'37 Stotz, Carl L.

Reading
'33 Moyer, Josephine C.

Shippensburg
'39 Greenawalt, Norman E.

Springfield
'10 Baldwin, Ralph W.

State College
'05 Burrage, Leslie M.
'27 Dow, Richard B.
'23 Seward, Ralph P.

Swarthmore
'19 Brewster, Frank V.
'14 Shaw, Charles B.

Upper Darby
'33 Stewart, Mary E.

Waynesburg
'11 Harvey, McLeod

West Lawn
'33 Cotterel, Mary E.

Westtown
'09 Hinshaw, Mrs. David S.

Wilkinsburg
'12 Miner, Douglas F.
'16 Rial, David W.

RHODE ISLAND

Cranston
'23 Bliss, Lawrence E.
'29 Mansur, Lawrence C.
'26 Springs, James D.

Greenwood
'26 Fallstrom, Iver W.

Lakewood
'23 Russell, Joseph F.

Newport
'31 Popple, Arthur S.

North Providence
'21 Wilder, Samuel A.

RHODE ISLAND (cont.)

Norwood
'13 Beckwith, Walter L.

Pawtucket
'05 Gale, Frank H.

Portsmouth
'30 Wordell, Everett J.

Providence
'20 Anderson, Edmund G. E.
'22 Bates, James E.
'30 Davis, Harry T.
'22 Foster, Laurence S.
'01 France, Clemens J.
'32 Gladding, Royal H.
'27 Graham, Clarence H.
'12 Hankins, Ralph H.
'23 Jacobson, Frank J.
'34 Kemp, Edward H.
'33 Kemp, Mrs. Edward H.
'15 Lewis, Charles B.
'11 Peters, Frank W.
'17 Pierrel, Gren O.
'24 Thayer, P. Edward
'34 Tobin, Irwin M.

Riverside
'22 Thompson, George R.

Wallum Lake
'24 Pearse, Harry

Westerly
'20 Hanson, Dorothy
'30 Schonning, Carl E.

Woonsocket
'14 Donlon, Charles A.
'12 Higgins, John R.

SOUTH CAROLINA

Columbia
'04 Morse, Josiah

Greenville
'05 Bowen, Sylvanus H., Jr.

Mayesville
'17 Dabbs, James M.

Spartanburg
'16 Brooks, James F.

SOUTH DAKOTA

Aberdeen
'30 Hutter, Harry K.

Belle Fourche
'32 Ruedi, Oreen M.

Pierre
'14 Besselievre, William C.

Sioux Falls
'24 Elliott, Ray T.

Vermillion
'26 Loewenberg, Bert J.

TENNESSEE

Johnson City
'37 Chamberlin, Thomas W.
'31 Muse, Grace

Madison
'38 Beaven, Winton H.

Nashville
'28 Munn, Norman L.

Rockwood
'15 Wilson, Edward C.

TEXAS

Austin
'00 Eby, Frederick

Brownsville
'35 Brown, Earl, Jr.

Dallas
'16 Dealey, William L.
'21 Dunn, Gustus A.
'15 Elliott, Robert N.
'31 Foscue, Edwin J.
'21 Gesner, Kenneth C.

Ft. Worth
'20 Arnold, Mrs. William A.

Houston
'33 Hall, Perry B.

Midland
'30 Dickey, Robert I.

Temple
'29 MacGregor, Rob Roy

UTAH

Draper
'35 Fitzgerald, Harold J.

Murray
'06 Borgquist, Alvin

VERMONT

Bellows Falls
'26 Pitcher, Thornton L.

Brattleboro
'11 Emerson, Paul S.

Burlington
'14 Bullard, James A.
'08 Lindsay, Julian I.
'34 Riggs, Lorrin A.
'36 Riggs, Mrs. Lorrin A.

Chester
'36 Adams, Willard G.
'37 Illingworth, Reginald G.

Concord
'31 Twombly, Elwin H.

Lyndonville
'21 MacDonald, Malcolm K.

Middlebury
'11 Howard, Frank E.
'25 Swett, Phelps N.

Northfield
'22 Ford, John V.
'30 Griswold, Donald S.

Poultney
'28 Holmes, Kenneth B.

Randolph
'17 True, Walter F.

Waitsfield
'34 Crane, Lloyd E.

Waterbury Centre
'05 Smith, Howard M.

Williamsville
'30 Williams, William L.

Windsor
'37 Newton, Albert E.

VIRGINIA

Alexandria
'17 Balch, Royal T.
'16 Peabody, Leroy E.

Arlington
'30 Kenworthy, Philip W.

Blacksburg
'39 Peterson, Warren S.

Charlottesville
'28 Dennis, Wayne
'25 Geldard, Frank A.
'98 Kline, Linus W.
'18 Mellor, Earl G.

Dahlgren
'24 Riffolt, Nils A.
'15 Thompson, Louis T. E.

East Falls Church
'16 Lubin, Isador

Emory
'26 Casto, E. Ray

Harrisonburg
'15 Huffman, Charles H.

Hollins
'26 Hickman, Elizabeth L.

Lynchburg
'18 Mattfield, Henry W.

Manassas
'36 Sharrett, Ralph L.

Portsmouth
'28 Wilder, Frank W.

Richmond
'36 Hirsohn, Sidney X.
'13 Negus, Sidney S.
'15 Sanger, William T.

Williamsburg
'30 Laing, Lionel H.

WASHINGTON

Bellingham
'27 Hunt, Thomas F.

Cheney
'29 Freeman, Otis W.
'37 Schadegg, Francis J.

Port Angeles
'38 Parker, Harry C.

WASHINGTON (cont.)

Pullman
'06 Cleveland, Alfred A.
'14 Coe, George A.
'22 House, Howard H.

Seattle
'98 Bolton, Frederick E.
'11 Brown, Herman E.
'32 Church, Phil E.
'15 Dvorak, Mrs. H. L.
'08 Hastings, Wilmot G.
'05 Miller, Charles W.
'27 Spector, Mrs. Ivar
'12 Stoy, Annie E.
'14 Thompson, Thomas G.
'14 Williams, Curtis T.

WEST VIRGINIA

Clarksburg
'20 Hodge, Benjamin E.

Elkins
'32 MacKnight, Jesse M.

Fairmont
'22 Lindley, Charles A.
'29 Lindley, Lester C.

Glenville
'25 Post, Clarence

Huntington
'37 Hayward, Harold M.

Morgantown
'03 Arnett, Lonna D.

Newburg
'16 Conley, Fred C.

Nitro
'16 Magoun, George L.
'10 Sibley, Robert L.

St. Albans
'11 Smith, Claude L.

Shepherdstown
'98 Phillips, Daniel E.

WISCONSIN

Beloit
'20 Modder, Montagu F.

Madison
'25 Kirk, Grayson L.

Milwaukee
'30 Kutukchieff, Ivan I.
'01 Sears, Charles H.

Waukesha
'13 Richardson, Roy F.

WYOMING

Laramie
'12 Sturtevant, Arnold P.

TERRITORIES AND DEPENDENCIES OF UNITED STATES

ALASKA

Anchorage
'34 Atwood, Robert B.

HAWAII

Honolulu
'24 Mountain, Harold A.

PORTO RICO

Rio Piedras
'25 de Rosario, Mrs. Pilar B.

San Juan
'29 Baralt, Jose Lopez

FOREIGN COUNTRIES

BELGIUM

Brussels
'19 Pieters, Maurice J.

CANADA

ALBERTA

Calgary
'08 Coffin, Ernest W.

BRITISH COLUMBIA

New Westminister
'37 Armstrong, L. Gwendolyn R.

Vancouver
'36 Hunter, T. Murray
'35 Keenlyside, William M.
'31 Morrison, Hugh M.
'39 Stirling, William L.

NOVA SCOTIA

Halifax
'06 Nickerson, Carleton B.
'23 Whyte, Earle F.

Mahone Bay
'11 Spidle, Simeon

Wolfville
'15 Fisher, Roy M.
'23 Osborne, W. Terry

ONTARIO

Kingston
'04 Clark, Arthur L.

Toronto
'05 Libby, Walter
'39 MacKay, John R.
'24 Saunders, Richard M.
'93 Tracy, Frederick

PRINCE EDWARD ISLAND

Charlottetown
'32 Croteau, John T.

QUEBEC

Montreal
'29 Lippincott, Stuart W.

Quebec
'13 Leach, Lester C.

SASKATCHEWAN

Wolseley
'39 Barber, Edward L.

CHILE

Rancagua
'06 Coghlan, Samuel R.

CHINA

Kiangsu Province
'05 Burch, Clarence A.

Peiping
'28 Huang, Yu-Jung
'25 Su, Lee

Peking
'10 Whitaker, Mrs. R. B.

Tientsin
'13 Chang, Peng Chun
'17 Chiu, Chung Yen

CHINA (cont.)

Wuhu Anhui Province
'09 Lanphear, B. Woodward

CUBA

Havana
'19 Ling, Ping

ENGLAND

Hull
'34 Tatham, George

London
'37 Quimby, Margaret

FRANCE

Paris
'23 Fowler, Frank H.

GERMANY

Berlin
'36 Sievers, Angelika

Esslinger
'05 Schürmann, Harry

Munich
'07 King, Charles H. S.

GREECE

Psychico
'26 Lagoudakis, Chariloas G.

INDIA

Burma
'36 Trueblood, Lester W.

Madras
'22 Banks, Dwight S.

ITALY

Bologna
'37 Manzini, Raimondo C.

JAPAN

Chosen
'07 Phillips, Charles L.

Dairen
'35 Aoki, Ryoichi

Formosa
'10 Mackay, George W.

Himeji
'20 Uchiyama, Genichi

Hirosima City
'15 Kubo, Yosihide

Nishinomiya
'17 Yokogawa, Yosohachi

Okayama
'23 Torigoye, Kazutaro

Osa Ka-Fu
'24 Nuki, Denmatsu

Taihoken
'23 Rikimaru, Ji-Yen

Tokyo
'14 Hori, Baiten
'09 Ishizawa, Kyugoro
'15 Kageyama, Chimaki
'09 Kanda, Sakyo
'21 Keenleyside, Hugh L.
'06 Kuma, Toshi Y.
'09 Nakamura, Yasuma
'13 Nakanishi, Tetsutaro
'10 Ueda, Tadaichi
'11 Yamada, Sohichi

Yokohama
'24 Tanner, Elmo
'21 Yokoyama, Matsusaburo

MEXICO

Sinaloa
'05 Minsch, Walter C.

Tlalpan, D. F.
'16 Zeuch, William E.

NEWFOUNDLAND

St. Anthony
'09 Curtis, Charles S.

St. John's
'30 Levitz, Aaron

PALESTINE

Ram Allah
'11 Totah, Khalil A.

PUERTO RICO

Ponce
'36 Studley, Lois A.

SWEDEN

Goteborg
'26 Jonasson, Olaf G.

SWITZERLAND

Geneva
'10 Woodbury, Robert M.

Morat
'39 Heimo, Marcel

WEST AUSTRALIA

Gosnell
'18 Hill, Thomas B.

ALPHABETICAL LIST

Abelsky
'30 Michael

Ablondi
'32 John V.

Acher
'10 Rudolph

Adamian
'38 Parnag G.

Adams
'33 Dorothy (See Moore, Mrs. Carl V.)
'13 Frank L.
'29 Hobart W.
'33 Lambi N.
'36 Willard G.

Addicott
'28 Harold B.

Adler
'31 Mrs. Stephen (Fishman, Edith E.)

Affleck
'20 George B.

Aizenstat
'37 Harry N.

Albert
'15 Harry

Aldrin
'15 Edwin E.

Aleck
'26 Adolph W.

Alexander
'12 Forrest E.

Allan
'35 W. Scott

Allen
'34 Agnes M.
'05 George E.
'38 Harold G.
'25 Mary K. x
'17 Mildred
'05 Reginald B. *

Allison
'16 Vernon C.

Alpert
'39 Leo

Alquist
'22 Francis N.

Alston
'20 John H. x

Altman
'33 Mrs. O. R. (Hall, Charlotte E.

Ambrose
'31 Michael J.

Anderson
'31 Alton R.
'20 Edmund G. E.
'11 Ernest L.
'32 Esther S.
'26 Henry C.
'07 Lewis F. *
'28 Sven A.

Andress
'29 Allen E.
'16 J. Mace

Andrew
'22 Paul E.

Anicetti
'36 Robert J.

Anish
'34 Alfred W.

Anselmi
'13 Adolph

Aoki
'35 Ryoichi (Ishii, Ryoichi)

Appledorn
'13 Herman H., Jr.

Arenberg
'36 David L.

Argoff
'31 Irving *

Arick
'31 Wilfred R.

Armitage
'23 Frank G.
'23 Harold B.

Armstrong
'37 L. Gwendolyn R.

Arnett
'03 Lonna D.

Arnold
'11 David J.
'09 Fred M.
'11 Ray D.
'38 S. Leonard
'20 Mrs. William A. (Clonts, Addie)

Arnos
'08 Edward M.

Aronovitz
'33 Edward

Arsenault
'35 Philip E.

Ash
'38 Frederick E.

Asher
'07 Jacob

Ashford
'20 Moselle

Ashworth
'30 Jessie E. (See Miller, Mrs. Eugene H.)

Atwood
'12 Harold B. *
'16 Leland L.
'34 Robert B.
'25 Rollin S.
'27 Wallace W., Jr.
'32 Mrs. Wallace W., Jr. (Kingman, Celia C.)

Auchampaugh
'24 Philip G.

Averill
'13 Lawrence A.

Avery
'29 Mrs. Eula V.

Babcock
'23 Royal R.

Back
'33 Arthur W.

Backlin
'29 Everett E.

Backstrom
'34 Arthur R.

Bacon
'06 Charles W.
'35 Ruth I.

ALUMNI

Baharian
'38 Bedros

Bailey
'06 Frank K. *
'29 Irving E.
'39 Sidney P.

Baker
'22 George E.

Balch
'17 Royal T.

Baldwin
'06 Francis M.
'36 Joseph V.
'10 Ralph W.

Ballard
'20 Kenneth C.

Bankes
'14 Walter J.

Banks
'22 Dwight S.

Bannister
'27 Lois A.
(See Merk,
Mrs. Lois B.)

Baralt
'29 Jose Lopez

Barber
'39 Edward L.
'30 William P.

Barbosa
'25 Pilar (See de
Rosario, Mrs.
Pilar B.)

Barker
'10 Byron W.

Barkhouse
'34 Arthur J., Jr.

Barnes
'27 Carlton P.

Barnett
'36 Mrs. Vincent M.
(Brown, Barbara)

Baron
'06 Albert H. N. *

Barr
'20 William J.

Barrows
'09 George M.

Barsam
'19 R. G. x

Bartlett
'07 Elwin I. *
'15 Ralph S.
'31 Wallace C.

Basnett
'11 Douglas

Bassett
'11 Gardner C.
'18 John J. x
'26 Walter G.

Bassinov
'34 Saul

Batchelor
'19 Wilbur C.

Bates
'22 James E.
'20 Marjory (See
Pratt, Mrs.
Carroll C.)

Battersby
'32 Kenneth A.

Battles
'12 Earle W. *
'21 Stanley C.

Baugh
'26 Ruth E.

Baxter
'28 John F.
'20 William J.

Bean
'17 Francis J.
'31 Myron A. *

Beaton
'27 Stephen, Jr.

Beaven
'38 Winton H.

Becker
'31 Florence x
'28 Raymond C.

Becknell
'11 Guy G.

Beckwith
'13 Walter L.

Beeber
'31 Maxwell S.
'35 Raymond A.

Beeson
'08 William J.

Beigelman
'33 Herman

Beik
'13 Arthur K.

Beishlag
'37 George A.

Beitel
'33 Robert J., Jr.

Belanger
'29 Leonard J.

Beldin
'37 Wilma (See
Fairchild,
Mrs. Johnson E.)

Belisle
'12 Eugene S. *
'06 Ferdinand J.

Belk
'37 Bettie J.

Belkin
'32 Solomon

Bell
'28 Ruth E.

Bellamy
'13 Raymond F.

Bemis
'12 Samuel F.

Benda
'17 Theodore *

Bender
'05 William A.

Bengtson
'27 Nels A.

Benjamin
'22 Mendall

Benner
'26 Clyde F.

Bennett
'33 Alfred W.
'11 Glen R.

Benns
'20 F. Lee

Benson
'33 Gordon L.

Bent
'09 Arnold A.

Bentley
'16 John E.

Berard
'39 Theodore H.

- Berengarten
  - '33 Sidney
- Berg
  - '26 August A. x
  - '36 Carl G.
- Bergan
  - '24 J. Frederick
- Berger
  - '13 Henry E.
- Bergin
  - '31 John A.
- Bergman
  - '27 Carl J. x
- Bergquist
  - '21 Albert G.
- Bergstrom
  - '94 John A. *
- Berkley
  - '32 Louis (Berkovich, Louis)
  - '32 Mrs. Louis (Seckler, Pearl)
- Berkovich
  - '32 Louis (Berkley, Louis)
- Berman
  - '39 Ira B.
  - '24 Jacob I. x
- Berry
  - '14 Francis C.
- Berthiaume
  - '35 Gerard M.
- Besselievre
  - '14 William C.
- Beswick
  - '25 Albert E.
- Bibeau
  - '36 Delphis, Jr.
- Bickman
  - '39 James S.
- Bieberbach
  - '37 Phyllis M.
- Bigelow
  - '20 Karl W.
- Bingham
  - '30 Mary A.
- Bingley
  - '39 Howard O.
- Bird
  - '17 Charles
- Biron
  - '32 Archille H.
  - '39 Leo J.
- Bishop
  - '34 Harold M.
  - '15 John E. *
- Bither
  - '33 Wallace F.
- Bivin
  - '09 George D. *
- Bixby
  - '22 F. Lovell
- Bjorkoe
  - '27 Mrs. George O. (Tupper, Eleanor)
- Black
  - '36 Lloyd D.
- Blackwell
  - '30 George L.
- Blades
  - '25 Ansley O.
- Blair
  - '20 John E.
- Blake
  - '36 Nelson M.
  - '15 William H.
- Blanchard
  - '38 Donald
  - '16 Harold H.
  - '38 John P.
  - '21 Kenneth C.
  - '18 Phyllis M. (See Lucasse, Mrs. Walter W.)
  - '37 Willard F.
- Bland
  - '29 Isadore C.
- Blaney
  - '36 Cyril C.
- Bliss
  - '23 Lawrence E.
- Bliven
  - '37 Roger
- Blom
  - '21 E. William U.
- Blomfield
  - '34 Carl J.
  - '35 Mrs. Carl J. (Grady, Gertrude)
- Blomstrom
  - '30 Lillian S.
- Bloom
  - '28 William O., Jr.
- Bobbitt
  - '09 John F.
- Bodfish
  - '17 Robert W.
- Boghosian
  - '17 Hagop B.
- Bohannon
  - '12 Eugene W.
- Boin
  - '37 Victor P.
- Boireau
  - '13 Walter H.
- Boland
  - '10 M. Genevieve
- Bolduc
  - '35 Robert A.
- Bolton
  - '98 Frederick E.
  - '95 Thaddeus L.
- Bond
  - '38 Evelyn G.
  - '07 Otto F.
- Book
  - '06 William F.
- Booth
  - '39 George E., Jr.
- Borgquist
  - '06 Alvin
- Bortz
  - '31 Nelson M.
- Borvick
  - '31 Moses
- Botts
  - '31 Adelbert K.
- Bowden
  - '27 Hervey F.
- Bowen
  - '32 Grace L.
  - '05 Sylvanus H., Jr.
- Bowman
  - '17 Ethel
- Boyajian
  - '14 Setrak K.

Boyce
'13 Paul L.

Boyden
'28 Willard E.

Boyer
'38 Helen M.

Boylan
'21 George E.

Boyle
'11 Charles F.
'30 Thomas E.

Boynton
'09 Clarence N.
'97 William P.

Brady
'30 Edward W.

Bramhall
'05 Robert I.

Brandes
'38 Frederick M.

Branom
'23 Frederick K.

Bratton
'38 Francis H.

Brauer
'39 Archie A.
'37 Murray S.

Brearley
'34 Robert G.

Breen
'27 Thomas A.

Brennan
'17 Fred J.
'16 Mrs. Fred J.
(Kneeland,
Gertrude

Bresev
'27 Morris I.

Brewster
'19 Frank V. (Uhrig,
Frank V.)

Bridge
'38 Elizabeth G.
'94 John L.

Brierly
'16 John E.
'18 Ralph C.
'34 William B.

Briggs
'38 Charles D., Jr.
'29 Reginald A. x

Brigham
'24 Charles A.
'16 Harold K.
'12 Lawrence W.
'39 Robert I.

Brightman
'15 Charles L.
'31 Milton

Brind
'23 Abraham x

Brissette
'30 Armand J., Jr.

Brittain
'07 Horace L. x

Britton
'29 Jacob

Brockman
'10 Mrs. Frank M.
(Willis,
Jessie L.)

Brockwell
'37 John J. x

Brodie
'24 William

Brodsky
'19 Michael E.

Broene
'07 Johannes

Brooker
'34 Maurice

Brooks
'18 Bernard F.
'20 Chester E. x
'26 Mrs. E. Bennett
(Noble,
Dorothy V.)
'17 Elizabeth
'16 James F.
'14 Roger E.

Brosnihan
'36 Andrew J.

Brouillard
'39 Robert E.

Brown
'37 Annie J.
'36 Barbara (See
Barnett, Mrs.
Vincent M.)
'35 Earl, Jr.
'39 Elinor
'11 Herman E.
'31 Horace A.
'31 Morris Y.
'33 Robert H.
'13 Thomas I.
'28 Virginia M.

Browne
'04 Charles E. *
'20 Gordon W.
'27 Mrs. Grant H.
(Sullivan,
Catherine E.)

Brúle
'38 Irving W.

Bruner
'09 Jesse

Bryan
'92 William L.

Bryant
'37 Gertrude M.

Bucke
'04 W. Fowler

Buckley
'39 Helen T.

Buehl
'38 Clara C.

Bugdenovich
'19 William

Bullard
'19 Ida L. (Pearson,
Mrs. Charles W.)
'14 James A.
'17 Ralph H.
'96 Warren G. *

Bumpus
'91 Hermon C.
'09 Samuel F.

Burch
'05 Clarence A.

Burdick
'14 Earl V.

Burfield
'25 Helen S. x

Burgess
'16 Mrs. S. A.
(Alice M.)

Burgy
'30 Jacob H.

Burk
'98 Frederic *

Burke
'31 James F.
'18 Winthrop M.

Burnham
'16 Guy H.

Burns
'35 Kathleen M.

Burrage
'05 Leslie M.

Burrill
'26 Meredith F.

Burroughs
'23 Mrs. Robert I. x
(Crumley,
Martha M.)

Burt
'38 Arthur L.
'12 Arthur W.

Burton
'39 Ethel S.

Burwick
'35 Maurice J.

Butler
'10 Harry J.
'11 John F. *
'34 Philip E.
'29 Richard W.
'12 Walter G.
'36 William F., Jr.

Butman
'09 Chester A.

Buxton
'23 Kenneth S.

Buzzard
'25 Robert G.

Caase
'24 Emilie C.

Cahill
'33 Mrs. William J.
(Converse, Anne)

Calhoun
'16 Arthur W.

Callahan
'32 Ellen G.
'24 Mary J.
'28 Mary M.
'32 Winifred C.

Callis
'18 Conrad C.

Cammett
'24 Stuart H.

Campbell
'31 Anna L.
'31 Edna F.
'22 Elmer I.
'12 Ivy G.

Cannon
'14 Robert H.

Cardinal
'33 Raymond F.

Carey
'28 Gertrude M
'33 Helen M.

Carleton
'32 Thomas M.

Carls
'34 John N.

Carlson
'29 Albert S.
'25 C. William
'26 Gustaf H.
'24 Harry G.
'38 Ralph L.

Carmichael
'12 Robert R.

Carney
'24 E. Seaton

Carpenter
'35 Philip L.
'34 Thomas P.

Carr
'09 Roland P.

Carrigan
'10 Thomas C. *

Carroll
'35 Arthur W. x
'09 Charles S.
'39 George J., Jr.

Carruthers
'38 John B.
'13 Paul E.

Carter
'11 Allan L. *

Carver
'28 Wells E.

Casale
'33 Daniel J.

Cash
'32 Myrtle

Cashen
'10 George B.

Casper
'33 Barry x

Castaldi
'36 Basilio

Casto
'26 E. Ray

Catlin
'31 Winton I.

Cavanaugh
'31 Teresa J.

Chaffee
'08 Reginald R.

Chamberlain
'92 Alexander F. *

Chamberlin
'37 Thomas W.

Champ
'15 Anthony M.

Chandler
'14 Edward M. A.

Chang
'22 C. William
'13 Peng Chun
'20 Tao Hung x

Chaoush
'22 Angelos G. x

Chapin
'30 Lucy E.
'33 Milan A.

Chaplin
'11 Fred W. *

Charbonneau
'17 Genevieve A. J.
(See Farwell,
Mrs. Genevieve C.

Chase
'28 George B. x
'10 Harry W.
'09 Mrs. Harry W.
(Crum, Lucetta)
'09 Howard E.

Chatterjee
'15 Manmath N.

Cheka
'33 Joseph S.

Chen
'24 Jason H. x

Cheney
'22 Ralph L.

Chester
'13 Edward P.

Chidester
'08 F. E. x

Chilk
'20 Joseph x

Chilson
'11 Wallace S. *

Chisholm
'38 Hester D.
'05 William J. *

Chiu
'17 Chung Yen

Choquette
'26 Charles A.

Christenson
'27 Mildred E.
'30 Thomas E.

Christopher
'14 Clifford Z.

Church
'32 Phil E.

Churchill
'39 Frederick J.

Ciano
'28 Michael A.

Cicak
'38 Robert R.

Civalier
'27 Roland B.

Civen
'18 Nathan

Claman
'13 Samuel

Clancey
'11 Frank H.

Clare
'09 Edward W.

Clark
'04 Arthur L.
'35 Burton E.
'21 Edwin R.
'17 Elmer B. *
'17 John B.
'34 Hugh D.
'31 Marshall G.
'92 Thomas H. *
'23 Wendell J.

Clarke
'09 Edwin L.
'30 Katherine B. (See
Hafstad, Mrs.
L. R.)

Clarkson
'25 Paul S.

Clee
'18 F. Raymond

Cleveland
'06 Alfred A.

Clifford
'38 J. Nelson
'32 Mae H.
'37 Timothy F.

Clonts
'20 Addie (See
Arnold, Mrs.
William A.)

Closson
'20 Earle R.

Clune
'22 Mary C.

Cochran
'13 Harold C.
'10 M. Ethel (See
Twichell, Mrs.
Henry S.)

Cockroft
'23 Grace A.

Coddington
'35 Edwin B.

Cody
'12 Paul L. *

Coe
'14 George A.

Coffey
'36 Grace C.

Coffin
'08 Ernest W.
'03 Joseph G.

Coffyn
'29 Kingsland A.

Coghlan
'06 Samuel R.

Cohen
'33 Fannie B.
'24 Irving C.
'39 Oscar P.

Cohn
'35 Charles B.

Colangelo
'35 Robert C. (See
Cole, Robert C.)

Colbert
'33 Maurice J.

Colby
'39 Carroll D.

Cole
'16 Franklin E.
'11 George E.
'38 Hubert M., Jr.
'32 Mary E.
'35 Robert C.
(Colangelo,
Robert C.)
'27 Mrs. Ruth L.
(Laidlaw,
Ruth E.)

Colegrove
'98 Frederick W. *

Collamore
'24 Edna A.

Collins
'32 Anna B.
'34 Edward R. *
'34 Fred J.
'33 Gertrude R.

Colorado
'32 Antonio J. x

Conant
'35 Alvah J.

Conklin
'09 Edmund S.
'22 Robert J.

Conley
'16 Fred C.

Conlin
'16 James F.

Conlon
'31 Nellie E.

Conner
'24 J. Eva

Conrad
'29 Harold E.

Conradi
'04 Edward

Conroy
'31 Anne C.

Converse
'33 Anne (See Cahill,
Mrs. William J.)

Convery
'37 James F., Jr.

Cook
'36 Carolyn C.
'18 Leon W.
'11 William R.

Cooke
'05 Frederick N.
'26 James A.

Cooley
'11 Herbert C.

Cooper
'27 Clyde E.
'21 Robert U.

Copeland
'07 William F.

Corash
'21 Harry

Corbin
'27 Milton W.

Corey
'34 Albert B.

Corfield
'30 George S.

Costello
'31 Florence P.

Cotterel
'33 Mary E.

Cottle
'20 William E.

Cotton
'35 Lois A.

Coty
'28 Everett W.
'24 Francis J.

Cotzin
'38 Milton

Coulson
'24 A. Gertrude (See
Gardner,
Mrs. James H.)

Couyumdjopoulos
'20 Eustave (See
Cuy, Eustace)

Cove
'28 Joseph E.

Covitt
'15 Louis D. x

Cowdell
'26 Lillian F. (See
Gates, Mrs.
Paul W.)

Cowdrey
'24 C. Francis, Jr.

Cowell
'26 Charles C. x

Coyne
'13 Charles E.

Craffey
'32 Frances E.

Crafts
'20 Leland W.

Craig
'39 William W.

Crane
'27 Mrs. Charles B.
(Horne,
Edith L.)
'34 Lloyd E.

Crawford
'28 Harold H. x

Cressey
'31 George B.

Crock
'21 Israel Z.

Crook
'28 Mason N.
'27 Mrs. Mason N.
(Johansen,
Dorothea)

Crosland
'14 Harold R.

Cross
'24 Hartley W.
'10 Joseph P.

Crossley
'26 Lester F.

Croswell
'99 Thomas R.

Croteau
'32 John T.

Crouch
'25 Irvin E.

Crowley
'05 Andrew A.
'30 Paul M.

Crum
'09 Lucetta (See
Chase, Mrs.
Harry W.)

Crumley
'23 Martha M. (See
Burroughs, Mrs.
Robert I.)

Culbert
'38 James I.

Cummings
'12 Charles H.
'13 Leo G.
'21 Randall F.
'11 Stanley W.

Cunningham
'28 Floyd F.
'39 Helen M.

Curley
'29 Elizabeth G.

Curtis
'09 Charles S.
'08 Elnora W.
'98 Henry S.
'15 Roswell F.

Cushman
'05 Roy M.

Cutler
'22 Frederick M.
'10 Harold J.
'35 Norman G.

Cutter
'05 Guy H. *

Cuy
'20 Eustace (Couyumdjopoulos,
Eustave) *

Dabbs
'17 James M.

Dahl
'29 Randle E.

Daley
'29 Kathrine M.
'37 Mary A.

Damarjian
'38 Aram

Damon
'11 Alice H.
'22 Curtis

Danckert
'38 Joseph F.

Daniels
'93 Arthur H.
'14 Earl R. K.

Darby
'14 Edward H. *

Darkenwald,
'33 Gordon G.

Darling
'16 Eugene A.

Daum
'39 Harry

Davis
'15 Arthur E. *
'09 Clarence O. *
'22 George T. (Tashamka, George)
'09 Glenn M.
'30 Harry T.
'08 Herbert B. *
'31 Mrs. James W. (Merriman, Elizabeth S.)
'37 John K.
'21 Walter N.
'37 Wendell W.

Dawson
'26 George A.
'97 George E. *
'12 Leo H.
'38 Leroy L.
'16 Paul R.

Day
'06 Alexander A.
'13 Lorey C.
'17 Thomas E. x

Dealey
'15 Hermione L. (See Dvorak, Mrs. H. L.)
'16 William L.

Dean
'08 Ernest W.

Dearth
'32 John A.

DeBusk
'15 Burchard W. *

Deeks
'29 William T.

Deering
'39 George E., Jr.

DeGangi
'27 Francis L.

Delaney
'34 Mrs. Mary F.

Dellinger
'07 Oris P.

DeLollis
'38 Nicholas J.

de Marco
'31 Joseph, Jr.

Denmark
'35 Hyman S.

Dennis
'28 Wayne

Denny
'26 Nathan J.

Denton
'33 Joshua W.

Derber
'36 Milton

de Rosario
'25 Mrs. Pilar B. (Barbosa, Pilar)

Derr
'39 Virginia L.

Des Autels
'22 George F.

Dessert
'05 Nelson P.

Dewar
'30 Margaret H.

Dexter
'23 Robert C.
'23 Mrs. Robert C. (Elisabeth A.)
'15 Wilbur B.
'28 William A.

Diamond
'30 Joseph

Dibble
'12 Roy F. *

Dickey
'17 Earl H.
'30 Robert I.

Dickie
'12 Allan

Dickinson
'22 Charles A.
'10 Hobert C.
'27 Roger F.

Diettrich
'31 Sigismond deR

Diggins
'32 Grace L.
'32 Helen B.

Diliberto
'39 Joseph F.

Dillon
'38 Lucile A.

Dilts
'09 Howard K. *

Disney
'05 Charles E.

Dix
'25 Charles T.

Dixon
'07 Edith M.
'18 Mrs. George E. (Murray, Mabel T.)

Dobie
'30 Albert J.

Dodge
'10 Henry A.
'25 Raven O.

Doherty
'05 Francis M. *
'25 Richard P.

Dolan
'10 Edward J.
'38 Mary A.
'30 Robert A.

Dolbear
'12 Katherine E. *

Domblatt
'35 Herman (See Dorn, Herman)

Dombrosk
'35 Harry F.

Donabedian
'32 Sarkis M.

Donahue
'30 Michael A.

Donlon
'14 Charles A.

Donnell
'10 Philip S.

Donnelly
'22 Everett C.
'30 Mary T.

Donoghue
'26 Cornelius S.

Doeley
'16 Lucile
'36 Norma A.

Doolittle
'19 Clyde B.

Dorn
'35 Herman (Domblatt, Herman)

Dorward
'25 Arthur R.

Douglass
'15 Aubrey A.

Dow
'27 Richard B.

Dowd
'26 Gordon K. *
'09 John E.

Dowling
'95 L. Wayland *

Downey
'09 Helen M.
'34 Joseph D.
'19 Mary (See Rebboli, Mrs. Mary D.)

Downing
'10 Bertha C. *

Doyle
'30 Catherine A.
'35 Margaret M. (See Rhodes, Mrs. E. J.)

Drake
'12 Dorothy

Dresslar
'94 F. B. *

Drew
'95 Frank *

Drohan
'31 John J.

Drowne
'06 George L. *

Dube
'37 Joseph Z.

DuBois
'11 Benjamin G.

Duesel
'29 Bernard F.

Duke
'26 Mary A.

Dumas
'26 Theodore E.

Duncan
'06 Frederick N. x

Duncker
'26 Karl x

Dunham
'17 Earl T.
'15 Francis L. *

Dunn
'21 Gustus A.

Dunphy
'12 Raymond A.

Duprey
'34 Dorothea M. (See Smith, Mrs. J. Sheppard, Jr.)

Durgan
'26 Elford S.

Durham
'33 Walter A., Jr.

Dustheimer
'14 Oscar L.

Dvorak
'15 Mrs. H. L. (Dealey, Hermione L.)

Dworkin
'33 Myer A.

Dwyer
'12 John F.

Dyer
'27 George B.

Dymond
'29 Emily

Eagan
'27 Henry F.

Eames
'36 Robert P.

Earle
'10 Edward

Earley
'26 Sarah E. *

Easley
'08 Charles W. *
'05 Philip A.

Eastwood
'23 Floyd R.

Eaton
'21 Stacey E.

Eby
'00 Frederick

Edman
'30 V. Raymond

Edmands
'05 Charles F. W.

Edmondson
'96 Thomas W.

Edson
'14 Earl R.
'14 Robert A.

Edwards
'26 George x (Epstein, George)
'32 John E.

Eells
'14 Earnest E.
'16 Hastings

Egan
'22 Thomas K. x

Eidam
'31 Carl L.

Eisner
'31 Chauncey A.

Ekblaw
'34 Sidney E.
'26 W. Elmer

Ekdahl
'19 Adolph G.

Eksergian
'28 Rupen

Elias
'37 Stephen S.

Eliason
'30 Chester G.

Elliott
'15 Clarence H.
'24 Ray T.
'15 Robert N.
'11 Robert T. *

Ellis
'97 A. Caswell
'34 Ralph F.
'14 Ralph W. *
'14 Robert S.

Ellison
'07 Louise (Ordahl, Mrs. George)

Ellsworth
'16 Frank H.

Elwell
'13 William B.

Emerson
'11 Paul S.

Engleman
'24 Harry A.

Epstein
'39 Burton
'26 George x (See Edwards, George)

Erickson
'30 Albert C. *
'28 Franklin C.

Erickson (cont.)
'37 Irving P.
'25 Robert S. H.
'35 Roland A.

Ericson
'19 Emil
'18 Folke E.

Erikson
'39 Carl R.
'38 Viola B.

Estabrook
'33 Allen L.
'05 Arthur H.
'32 Rita C.

Evans
'17 Walter H. x
'06 William W. *

Everett
'22 Kenneth C.
'08 Lewis W.

Ewert
'29 P. Harry *

Ewing
'05 John G.

Eycleshymer
'92 Albert C. *

Fahl
'23 Rudolph

Fairchild
'36 Johnson E.
'37 Mrs. Johnson E. (Beldin, Wilma)

Fairman
'36 Alonzo B.

Falk
'33 Abraham

Fallon
'10 Perlie P.

Fallstrom
'26 Iver W.

Farlin
'10 Amy C. (See Poland Mrs. Orville)

Farnsworth
'21 Albert

Farrell
'29 Albert L.
'28 Wilfred R.

Farrington
'24 Wendell F.

Farwell
'17 Mrs. Genevieve C. (Charbonneau, Genevieve A. J.)

Fause
'37 Asbjorn

Fay
'25 Louise
'10 William J.

Feeley
'34 Katherine R.

Feinberg
'24 Hyman I. x

Feingold
'11 Joseph *
'36 Joseph H.
'15 Louis S.

Feinsilver
'18 Joseph E.
'30 Oscar

Feldman
'39 Theodore E.

Felt
'28 Charles W.
'26 William N.

Felton
'07 Leon E.

Fenn
'18 Edward B. *

Fenner
'10 Harold L.

Fenton
'14 Frederick A.

Ferdinand
'29 Mrs. Robert (Silverman, Yetta)

Ferguson
'23 Arthur W.
'14 Harold A.
'25 John H. x
'33 Otis C.

Ferrara
'25 Adam E.

Ferry
'98 Frederick C.

Field
'13 Irving A. *
'20 John W. x

Fine
'33 Robert

Finer
'36 Harold M.

Fink
'36 Marvin S.

Finkelstein
'23 Herman

Finkenbinder
'11 E. O. *

Finley
'18 Austin P.

Fish
'21 Abraham W.
'23 Andrew

Fisher
'15 Roy M.
'13 Sarah C.

Fishman
'31 Edith E. (See Adler, Mrs. Stephen).

Fitchet
'15 Seth M. *

Fitton
'29 Edith M.

Fitzgerald
'35 Harold J.
'27 John E., Jr.
'26 John J.

Fitzpatrick
'33 Robert J.

Flagg
'18 A. Glennon

Fleming
'11 Pierce J.
'38 Raymond E.

Fletcher
'12 John M. x
'10 Rollo F.
'37 Thomas L.
'36 William G.

Flohr
'22 Earl W. x

Fogarty
'20 John J., Jr.

Foley
'23 Gardner P. H.
'23 Harriet A.
'20 Raymond D.
'09 Walter S. *

Folsom
'15 Joseph K.

Fontaine
'39 Mary E.

Foraker
'33 Elaine K. (See Kemp, Mrs. Edward H.)

Forbes
'10 William T. M.

Forbush
'15 Guy J.

Ford
'39 Catherine E.
'22 John V.

Forney
'23 John D.

Forrest
'34 Edward L.

Forsberg
'27 Randolph W. A.

Forsythe
'27 Marion B.

Foscue
'31 Edwin J.

Foster
'31 Edward C.
'16 George P.
'10 James K.
'22 Laurence S.

Fowler
'23 Frank H.

Fox
'33 Louvane A.
'05 Michael B.
'23 Winton E.

Foxhall
'30 Harry M.

Frame
'12 Floy H.

France
'01 Clemens J.

Franklin
'33 Gladys

Franz
'23 Albin E.

Fraser
'22 A. D. Ross

Frazier
'20 E. Franklin

Freeland
'13 George E.

Freeman
'29 Otis W.

French
'21 Albert H. x
'33 George M.
'99 John S.
'34 Wellington A.

Friedman
'07 Albert M.
'39 Stanley M.

Fryer
'29 Francis L.
'17 H. Douglas

Fulcher
'10 Gordon S.

Fuller
'10 Harold F.
'17 Raymond G.

Gadaire
'32 Charles R.

Gadomski
'39 Joseph A.

Gage
'06 George E.
'13 Sumner C.

Gale
'05 Frank H.

Gallagher
'34 Cleon W. (See Goodrich, Cleon W.)

Galvin
'39 Della E.
'32 Howard W.
'31 Mary R.

Gammons
'11 Herbert

Gannon
'26 Thomas C.

Garbutt
'05 J. Ralph

Gard
'08 Willis L. *

Gardner
'32 Irving A.
'24 Mrs. James H. * (Coulson, A. Gertrude)

Garnsey
'29 Morris E.

Garrison
'26 Mrs. Curtis W. x (Shields, Hazel D.)

Gates
'05 Burton N.
'04 Jesse N. *
'25 Paul W.
'26 Mrs. Paul W. (Cowdell, Lillian F.)

Gatti
'39 Mentana

Gaucher
'29 Adrian A.

Gauthier
'38 Armand J.

Gay
'22 Harold J.
'13 Ray L.

Gaylord
'12 Harding W.

Geary
'29 Donald J.

Geer
'27 Gordon N.

Geldard
'25 Frank A.
'15 Walter J.

Gellerman
'30 Louis W.

George
'36 Gordon B.

Gerard
'29 Wilhelmina

Gervais
'29 Roland E.

Gesell
'06 Arnold L.

Gesner
'21 Kenneth C.

Gibbs
'06 David *
'38 Robert G.

Gibney
'13 Carroll N.

Gibson
'34 J. Sullivan
'36 William M.

Gifford
'18 Frederic O.

Gifford (cont.)
'16 Raymond T.
'36 Roger G.

Gilbert
'24 Ralph W.

Gilbertson
'13 Albert N.

Gilgan
'36 Mary A.

Ginn
'35 Addie M.

Ginsburg
'16 Maynard

Giraitis
'36 Albert P.

Girard
'25 Lillian x

Gissen
'32 Max

Gist
'16 Nathan H.

Gladding
'25 G. Roger
'32 Royal H.

Glasgow
'29 James H.

Glaude
'35 Paul M.

Glazier
'05 Philip N.

Glickman
'32 Ada S. x

Glidden
'35 Walter D., Jr.

Goddard
'99 Henry H.
'10 Robert H.

Godfrey
'12 Henry R.
'14 Roland J.

Goeller
'27 Robert B.

Goff
'38 Joseph N.

Goldberg
'32 Bernard I.
'37 Edwin L.
'23 Joseph
'29 Milton H. x
'39 Paul M.

Goldblatt
'25 Leo A.
'15 Myron E.

Golden
'23 Sherman E.

Goldenburg
'35 Alfred *

Goldman
'29 Nathan
'35 Rosaline

Goodearl
'17 Arthur W.

Goodnow
'20 Donald W.

Goodrich
'34 Cleon W.
(Gallagher,
Cleon W.)
'12 Merton T.

Goodwin
'39 Ralph R.

Gooze
'27 Charles *

Gordon
'14 Hardy H. *
'37 Jacob

Goss
'28 George L.

Gould
'35 David M.
'21 Joseph S.

Goulding
'35 John P.

Gowen
'05 Benjamin S. *

Grace
'09 Charles W. *
'29 Sydney

Grady
'35 Gertrude (See
Blomfield,
Mrs. Carl V.)

Graf
'26 Francis O.

Graham
'36 Arthur R.
'34 Boynton
'27 Clarence H.
'31 Guilbert R.
'34 Vincent P.
(Gruzdis,
Vincent P.)

Grandone
'25 Peter

Granger
'38 Rocheleau Z., Jr.

Grattan
'23 Clinton H. x

Gray
'38 Elizabeth M.
'30 Margaret V.
'38 William D.

Greelish
'05 Devney J. *

Green
'37 Arnold W.
'35 Frances
'27 H. Howard
'14 Howard W.

Greenall
'20 Walter G., Jr.

Greenawalt
'39 Norman E.

Greenberg
'20 Abraham

Greenwood
'05 Robert B.
'07 Rolland R.
'15 Wallace W. *

Greer
'22 Willard N.

Gregory
'30 Elizabeth E.

Greisheimer
'16 Esther M.

Grether
'19 J. Richard

Grey
'24 Robert M.

Griff
'26 Samuel

Griffith
'26 Clifford O.

Grimmer
'33 Herman J. x

Griswold
'30 Donald S.

Grodberg
'36 David A.
'33 Emil H.

Gronvold
'31 Eunice C.

Groop
'23 Waldemar H. *

Grose
'12 Merritt R. *

Grout
'35 Milton L.
'38 Vernon M.

Grove
'30 E. Viola

Gruzdis
'34 Vincent P. (See
Graham,
Vincent P.)

Gryk
'38 Anthony J.

Gueffroy
'27 Edna M.

Guerin
'15 Mary E.

Guest
'38 Lester P.

Guillet
'98 Cephas

Gulick
'10 Louise (See
Whitaker,
Mrs. R. B.)

Gunter
'23 William

Guterman
'39 Bert
'37 Henry S.

Guthrie
'33 Mrs. Robert F.
(Waites,
Sara F.)

Guyton
'23 Homer W.

Haberman
'29 James C.

Hackett
'30 Freeman K. x

Haddad
'39 Albert
'31 William

Hadidian
'39 Zareh
'38 Mrs. Zareh
(Humeston,
Margaret E.)

Hadley
'26 Allan M.
'06 Stephen D. x

Hadsel
'38 Fred L., Jr.

Hafstad
'30 Mrs. L. R.
(Clarke,
Katherine B.)

Hagemann
'35 Hans H.

Haines
'28 C. Grove
'35 Ethel
'30 George H.

Hair
'32 Richard C.

Haire
'17 Paul G.

Hall
'33 Charlotte E.
(See Altman,
Mrs. O. R.)
'28 Florence E.
'37 George E.
'35 Oliver R.
'33 Perry B.
'93 T. Proctor *

Halverson
'22 Henry M.

Hamilton
'13 Arthur E. *

Hammond
'25 Arthur N.
'11 Ernest x
'38 Merle W.

Hancock
'16 Thomas *

Handy
'08 LeRoy M.

Hankins
'12 Ralph H.

Hanna
'39 Archibald, Jr.

Hannan
'24 James P.

Hanover
'25 Walter S.

Hanratta
'28 Anna

Hansen
'36 Robert E.

Hanson
'20 Dorothy
'17 Frank W.

Harada
'23 Taichi x

Hard
'22 Ernest

Harden
'26 Luberta M.
(McCabe,
Mrs. Francis T.)

Harding
'30 Kenneth C.

Hargreaves
'36 H. Walter

Haringa
'39 Raymond R.

Harney
'31 Marion

Harper
'19 Russell D. x

Harriman
'18 Edward N.

Harrington
'05 Berton B.
'05 Elmer A.
'29 Wayne E.

Harris
'17 Frank
(Harshowitz,
Frank)
'08 James W.
'29 Marion V.

Harrison
'33 James
'13 Marion M.

Harshowitz
'17 Frank (See
Harris, Frank)

Hart
'27 Mrs. Isabelle K.
'10 Robert S.

Harter
'30 Mrs. George
(Mulcahy,
K. Cecilia)

Hartman
'29 Raymond P. x

Hartson
'11 Louis D.

Hartz
'16 George E.

Harvey
'11 McLeod

Harwood
'32 E. Monroe

Haskins
'10 Henry S.

Haslett
'01 S. B. *

Hastings
'24 Russell B.
'29 Walter, Jr.
'08 Wilmot G.

Hatt
'38 M. Geraldine

Hayden
'37 Mary D.
'14 Oliver M.

Hayes
'11 Alice B. (See
Lefschetz, Mrs.
Solomon).

'15 William H.

Haynes
'05 Rowland

Hays
'38 Janet C.

Hayward
'37 Harold M.

Healey
'33 Gertrude F.
'21 John H.
'29 Josephine E.
'36 Lawrence P.

Healy
'32 Mary C.

Hearn
'10 George D.

Heath
'27 Charles O.
'27 Herschel

Heffernan
'23 Daniel J.

Heimo
'39 Marcel

Heiser
'21 Harold W.

Helie
'08 Euclid

Heller
'39 Shirley M.

Hemenway
'34 Everett M.

Henderson
'33 Mildred A.

Henry
'14 Thomas R.

Herbert
'25 Mrs. John J.
(Rose)

Herdman
'12 Gordon W.

Herr
'30 Elizabeth

Herrick
'32 Guy S.

Herrmann
'39 Frank C.
'39 William C.

Hershman
'37 Max

Hewitt
'20 Roy R.

Hickey
'28 Thomas J.

Hickman
'18 Clarence N.
'26 Elizabeth L.

Hicks
'15 Charles R.

Hidy
'28 Ralph W.
'28 Mrs. Ralph W.
(Wagenhauser,
Muriel E.)

Higginbottom
'32 Arthur R.
'26 Edwin
'30 George
'33 Russell W.

Higgins
'39 Charles A.
'23 Donald E.
'12 John R.
'23 Roger W.

Higginson
'21 William J.

Hill
'07 David S. x
'13 Davis E. x
'95 John E.
'18 Thomas B.

Hillman
'07 Archibald M.
'29 Owen N.
'18 Samuel I.

Himmer
'21 William C. *

Hines
'30 Agnes W.
'33 Anna G.

Hinkley
'10 Irving A.

Hinshaw
'09 Mrs. David S.
(Wiggam,
Augusta)

Hirsch
'11 Samuel W.

Hirsohn
'36 Sidney X.

Hirtle
'35 John R.

Hitchcock
'06 Albert W. *

Hoag
'38 C. Leonard

Hoar
'13 Mrs. Charles E.
(Tufts, Frances)
'35 Walter A.

Hobson
'27 Maude A.

Hodge
'20 Benjamin E.
'24 Mrs. Thekla *
'34 Walter H.

Hodgkins
'36 Alfred S.

Hodgkinson
'21 Harold

Hogan
'28 Frances H.

Holdcamper
'34 Forrest R.

Holgate
'93 Thomas F.

Hollis
'30 Walter

Holmes
'37 Alan G. (See
Holstrom,
Andrew G.)

Holmes (cont.)
'28 Kenneth B.
'10 Percy K. *
'23 Richard M.
'10 William H.

Holmgren
'32 Axel V.
'36 Mrs. Axel V. (Sears, M. Jeannette)

Holstrom
'37 Andrew G. (Holmes, Alan G.)

Holt
'10 Howard A.

Holter
'34 Richard N.

Holzhauer
'28 Carl F.
'28 Mrs. Carl F. (Hoyt, Edith E.)

Hood
'24 Everett W.

Hori
'14 Baiten

Horne
'27 Edith L. (See Crane, Mrs. Charles B.)
'13 William O.

Horovitz
'33 Edward H.

Horton
'23 Clifford E.

House
'22 Howard H.

Houston
'32 Charles E.

Howard
'11 Frank E.
'39 Fred H.
'28 J. Philip
'23 Palmer P.
'38 Walter J.

Howarth
'33 George E.
'34 Margery D.

Howe
'22 George F.
'22 Mrs. George F. (Marvel, Louise)

Howell
'24 Edna V. (See McKnight, Mrs. Edna H.)

Howes
'10 Roy F. x

Hoyt
'28 Edith E. (See Holzhauer, Mrs. Carl F.)

Hsu
'19 Chang-Hsu x

Huang
'28 Yu-Jung

Hubbard
'29 Arthur D.
'08 Edward, Jr.
'21 F. Edgar
'04 John C.

Hubley
'10 Gordon A. *

Hudgins
'30 Bert
'32 Clarence V.

Huey
'99 Edmund B. *

Huffington
'29 Paul

Huffman
'15 Charles H.

Hugh
'18 Yu Tinn x

Hughes
'29 Hartwell M. T.
'09 John L.

Hulbert
'36 K. Lee

Humes
'22 Warren M.

Humeston
'38 Margaret E. (See Hadidian, Mrs. Zareh)

Hunt
'19 Horace A.
'07 Robert B. *
'27 Thomas F.

Hunter
'38 George A.
'36 T. Murray

Hurd
'20 Charles B.

Husband
'15 Archie B.

Husbands
'23 LeRoy C.

Hutchinson
'10 George A.
'37 Mary C.

Hutter
'30 Harry K.

Hylan
'01 John P. *

Illingworth
'37 Reginald G.
'17 Robert S.
'34 Mrs. Robert S. (Selma K.)

Iltanen
'38 Jorma (See Niven, Jorma I.)

Imlah
'23 James H.

Inman
'34 Walter G.

Irwin
'39 William

Ishii
'35 Ryoichi (See Aoki, Ryoichi)

Ishizawa
'09 Kyugoro

Ives
'01 James E.

Ivok
'22 Leo I.

Jackson
'23 Eric P. *
'11 Harry L.

Jacobs
'30 David H.
'17 Edwin E.
'15 Wilmarth I.

Jacobson
'23 Frank J.
'12 Henry

Jaffe
'33 Sydney

James
'23 Preston E.

Jannery
'37 Harold K.

Jasem
'18 Saul I.

Jefts
'29 Lillian

Jewell
'06 James R.

Jewett
'06 Stephen P. x

Jodrey
'26 Viola (See Reynolds, Mrs. Philip H.)

Johansen
'27 Dorothea (See Crook, Mrs. Mason N.)

'33 Y. Walter

Johnson
'36 Austin S.
'15 C. David
'12 Carl
'24 Carl A.
'34 Charles F.
'14 Charles W.
'30 Edwin N.
'25 Emil
'21 Ernest W.
'13 Frank L.
'24 George E. *
'29 Hilda V.
'28 Olga A.
'28 Robert E.
'32 Walter L.
'12 Ward L.
'23 Warren C.
'34 Wendell J.

Johnston
'18 Earl N.
'31 Philip W.

Jonasson
'26 Olaf G.

Jones
'13 Arthur T.
'17 Carl E.
'13 George E.
'28 Lloyd C.
'22 Sarah E.

Jonitis
'39 Peter P.

Jordan
'92 Edwin O. *

Joyce
'16 Thomas B.

Judson
'16 Lewis V.

Kabaker
'33 Charles B.

Kadesch
'10 J. Stevens

Kageyama
'15 Chimaki

Kakise
'09 Hikozo x

Kalijarvi
'20 Thorsten W. V.

Kalin
'20 Jacob I.

Kallom
'09 Arthur W. *

Kanda
'09 Sakyo

Kane
'30 Mary F.

Kaneb
'29 Albert J. *
'31 George D.
'34 Kenneth A.

Kanowitz
'37 Sidney x

Karaku
'33 Louis T.

Karlson
'14 Hugo P.
'09 Karl J.

Karn
'34 Harry W.

Katz
'31 Irving

Kaufman
'34 Mrs. Edith R.
'11 Reuben

Kawamura
'18 Tomehachi *

Kayer
'34 Donald A.

Kaylor
'09 M. Albertus x

Keefe
'23 William T. x

Keene
'37 Ella O.

Keenleyside
'21 Hugh L.

Keenlyside
'35 William M.

Keith
'36 John R.
'05 William H.

Keller
'27 Clarence W.
'26 Donald
'29 Lois R.

Kelley
'30 Alice E.
'09 Charles B. L.
'21 Harry N.

Kellie
'38 Charles C.

Kellogg
'25 Raymond H. x

Kemp
'34 Edward H.
'33 Mrs. Edward H. (Foraker, Elaine K.)

Kendall
'30 Gerald M.
'20 Raymond O.

Keneely
'05 Ralph S.

Kennan
'37 Dana W.

Kennedy
'35 Anne P.
'33 Irene M.
'34 Kathleen M.
'31 Margaret C.
'37 Mary E.
'29 Melvin D.
'36 Winnifred C.

Kenneway
'39 Harold J., Jr.

Kenworthy
'30 Philip W.

Keppel
'01 Herbert G. *

Kidder
'31 M. Lucile

Kiley
'14 M. Marcus

Killeen
'38 Florence F.

Kilpatrick
'21 Richard H.

Kilton
'33 Dorothy G.

Kimball
'12 Ralph G.
'39 Roland C.

King
'07 Charles H. S.
'24 Charles V.
'32 Helen L.
'16 James
'39 Mary F.
'34 Willis L.

Kingman
'32 Celia C. (See Atwood, Mrs. Wallace W., Jr.)

Kinnaman
'02 Andrew J. *

Kinniery
'30 Anna A.
'30 Honora E.

Kinsella
'31 Thomas

Kirby
'35 A. Florence
'12 John R.
'29 Margaret V.

Kirk
'25 Grayson L.

Kirkendall
'35 Walter E.

Kirkpatrick
'20 Clifford
'11 Robert

Kirtley
'11 Ida H. (See Wood, Mrs. Moses E.)

Kistler
'38 Esther L.

Klain
'12 Zora

Kline
'98 Linus W.

Klingele
'29 Arnold H.

Klinglof
'31 Philip A.

Knapp
'14 Merle C.

Kneeland
'16 Gertrude (See Brennan, Mrs. Fred J.)

Kneller
'29 George F.
'38 John W.

Knight
'38 Albert E.
'24 Ella B. *
'21 Kenneth H.
'17 Melvin M.

Knowlton
'23 Edwin E.

Knox
'32 Arthur R., Jr.

Koeppe
'27 Clarence E.

Kohne
'38 John T.

Kohs
'14 Samuel C.

Koloseike
'35 Mrs. Mary U. (Underhill, Mary T.)

Kopelman
'38 Bernard

Korpi
'31 Reino
'33 Urho

Kos
'39 Walter J.

Kraemer
'28 Irving W.

Kranz
'09 Anna L. (Odum, Mrs. Howard W.)

Kremer
'29 Abraham

Krikorian
'22 Armen K.

Kroll
'38 Henry M.

Krug
'39 Louis A.

Krutzky
'31 Martin L.

Krzinowek
'37 Alfred J.

Ku
'27 Te Ming x

Kubo
'15 Yoshihide

Kuhlmann
'03 Fred

Kuma
'06 Toshi Y.

Kuniholm
'18 C. Harry

Kunin
'21 Joseph

Kurihara
'16 Shinichi x

Kurtz
'20 Herman F.

Kutukchieff
'30 Ivan I.

Laakso
'28 Eino F.
'33 Thomas L. (Toivo M.)

LaFleur
'22 Albert

Lagoudakis
'26 Chariloas G.

Laidlaw
'27 Ruth E. (See Cole, Mrs. Ruth L.)

Laine
'11 Edmund R.
'36 Iver

Laing
'30 Lionel H.

Lamb
'26 Wallace E.

Lancaster
'97 Ellsworth G. *

Landin
'24 Harold F. W.

Landry
'21 Paul E.
'22 Philip R.

Lange
'19 Herbert F.

Langenheim
'39 William J.

Langford
'19 Cooper H.

Langley
'37 Roger F.

Lanois
'15 J. Henry

Lanphear
'09 B. Woodward

Lansing
'15 J. Twichell

LaPrade
'39 Albert J.

Larkin
'30 Charles A.

Larned
'08 John H. *

Larrabee
'27 Carlton H.

Larson
'33 Evert J.

Laskoff
'36 Leo L.

Laverty
'38 Alfred

Lavine
'36 Hymen

Lax
'36 Martin

Leach
'13 Lester C.
'32 Morton G. x

Leavitt
'21 Ashley L. x
'21 J. Preston H.
'17 Joseph

Lee
'34 Alice J.
'31 Grace (see McIntosh, Mrs. Robert P.)
'28 Harriet E.
'31 Margaret F. *

Leeper
'28 Robert W.
'30 Mrs. Robert (Olson, Dorothy M.)

Leffel
'39 Elwood S.

Lefschetz
'11 Solomon
'11 Mrs. Solomon (Hayes, Alice B.)

Lehnert
'28 Frederick O.

Lehrer
'16 Leib

Lehtinen
'34 Paul J.

Leighton
'34 Herbert T.

Leland
'05 Leslie P.

Lemaire
'32 Minnie E.

Lenat
'37 Ralph W.

Leonard
'21 Clinton S.

LeSure
'09 Harvey K.

Letendre
'38 Donald H.

Leuba
'95 James H.

Levensohn
'16 Abraham S.
'18 Hyman J. x

Levenson
'23 Benjamin
'30 Samuel

Levett
'29 Abraham

Levine
'22 Edward H.
'34 George
'36 Jacob
'30 Robert

Levitz
'30 Aaron

Lewis
'15 Charles B.
'21 Charles B.
'08 Earl S.
'37 William L.

Leyden
'36 Philip J.

Leyzerah
'16 Peysah

Li
'19 Chi x

Libby
'01 M. F. *
'25 Paul O.
'05 Walter

Lidstone
'38 Reginald D., Jr.

Lie
'08 Olaf K. *

Lieber
'14 Mrs. Hugh G. (Rosanoff, Lillian)

Liggett
'26 John R. *

Lincoln
'28 Elisabeth M.

Lindley
'22 Charles A.
'97 Ernest H.
'29 Lester C.

Lindsay
'08 Julian I.

Lindsey
'19 Rupert W. x

Ling
'19 Ping

Lingley
'05 Ralph G.

Lippincott
'29 Stuart W.

Lipschitz
'24 Abraham M. x (See Lyons, Abraham M.)

Lisabitsky
'38 Joseph S.

Lisk
'35 George F.

Little
'27 James G.
'12 Malcolm G. x

Liu
'31 En-lan x

Livermore
'17 Charles R. *

Lloyd
'24 Frank S.
'28 George W.

Lodding
'37 Woodrow C.

Loewenberg
'26 Bert J.

Logan
'36 Richard F.

Lombard
  '31 Helen F.
  '34 Mildred A.

Long
  '23 Edward J.
  '16 Howard H.

Longo
  '39 John R.

Loomis
  '11 Robert H.
  '22 Theodore R.

Lopatin
  '36 Colman

Lotven
  '34 Jacob

Lotz
  '37 William A.

Loughrey
  '23 James H. x

Loungway
  '26 Ferdinand J.
  '37 Lillian A.

Lowden
  '05 Thomas S. x

Lubin
  '16 Isador

Lucasse
  '20 Walter W.
  '18 Mrs. Walter W.
    (Blanchard,
    Phyllis M.)

Luckey
  '95 George W. A. *

Lukens
  '29 F. Nelson

Lund
  '13 John

Lundgren
  '30 Evelyn C.
  '14 Albert Gustaf *
  '17 LeRoy E.

Lupien
  '37 David W., Jr.

Lurier
  '10 Israel *

Luther
  '10 Robert H.

Luvisi
  '29 Fred P.

Lyans
  '14 Cecil K. *

Lyford
  '06 C. Allan

Lynch
  '35 George F.
  '24 Harold E.
  '32 Mary V.

Lyon
  '23 Leroy A.

Lyons
  '24 Abraham M. x
    (Lipschitz,
    Abraham M.)

McAuliffe
  '31 Grace E.
  '30 Margaret I.

McCabe
  '26 Mrs. Francis T.
    (Harden,
    Luberta M.)

McCarron
  '36 Andrew T.

McCarthy
  '38 Andrew F. X.
  '32 Margaret N.

McCauley
  '34 Byron F.

McComas
  '39 Robert F.

McConnell
  '25 Wallace R.

McCorkle
  '15 Charles E.

McCormack
  '33 Mrs. Frances x
    (See Mulcahy,
    Mrs. Frances)

McCormick
  '14 Clarence

McCrillis
  '16 Jacob W.

McCune
  '39 Shannon B.

McCurdy
  '09 James H.
  '12 John R.

McDavitt
  '29 Neva

McDonald
  '36 Mary I.

McDonnell
  '32 Mary C.

McDougle
  '14 Ernest C.
  '15 Ivan E.

McDowell
  '14 Floyd M.

McGourty
  '31 Annie V.

McGovern
  '21 John G. x

McGrail
  '38 Florence E.
  '36 James J.

McGuire
  '32 Bernice K.
  '37 John A.

McHugh
  '36 Elizabeth F.

McIndoo
  '10 J. M.

McInerny
  '39 James A.

McInnis
  '38 H. Donald

McIntosh
  '31 Mrs. Robert P.
    (Lee, Grace)

McKelvey
  '26 Blake

McKenna
  '39 James W.

McKnight
  '24 Mrs. Edna H.
    (Howell, Edna V.)

McLaughlin
  '33 Theodore T.

McLean
  '25 Francis T. x

McManus
  '34 Elizabeth S.

McMurray
  '30 Mary D.

McNamara
  '08 Frank P.

McPherson
  '33 George S.

McQueeny
'27 Theresa F.

McReynolds
'37 George E.

MacArthur
'36 Harvey H.

MacDonald
'21 Malcolm K.

MacDowall
'32 Edward W., Jr.

MacGeoch
'28 John B. *

MacGregor
'29 Rob Roy

Machlan
'23 Louis O. x

Mack
'24 Harry E.

Mackay
'10 George W.

MacKay
'39 John R.

Mackie
'12 Ransom A. x

Mackinnon
'09 Clinton N.

Macklin
'07 Paul M.

MacKnight
'32 Jesse M.

MacLaren
'14 William G. x

MacLeod
'22 Alexander B. *

Madden
'05 Leon I.

Madorsky
'38 Milton E.

Magni
'09 John A. x

Magoun
'16 George L.

Mahan
'38 Kathryn E. A.

Maher
'22 Ellen A.

'36 John W.
'27 Margaret E.
'36 William J.

Mahoney
'35 Marie P.

Mahony
'30 Richard R. *

Malkasian
'39 Henry A.

Malkiel
'34 Saul

Malkoski
'39 Adolph W.

Malmstead
'32 Chester W.

Mandelstam
'13 Abraham

Mann
'07 Henry C.

Manoogian
'37 Michael

Mansur
'23 Eric W.
'29 Lawrence C.

Manzini
'37 Raimondo C.

Marble
'06 Henry C.

Marburg
'37 Theodore F.

Marchant
'30 William E.

Marden
'39 Douglas W.

Marshall
'33 Benjamin T., Jr.
'10 Daniel J. *

Martin
'26 Maude C.
'39 Paul F.
'39 Richard B.

Martinson
'21 John W.

Marvel
'22 Louise (See Howe,
Mrs. George F.)

Mason
'25 Carol Y.
'16 Harry *

Master
'28 Moses

Matchett
'35 Gerald J.

Mateer
'14 Florence

Matheny
'09 William A.

Mathews
'20 Mathew J.

Matteson
'29 Estella M.

Mattfield
'18 Henry W.

Matthews
'25 Merietta

Mattson
'30 Arthur E. x

Maxwell
'38 Lillian R.

May
'37 Louis H.

Mayer-Oakes
'11 Frederick T.

Maynard
'12 Leland C.

Mead
'26 Raymond G.

Means
'32 George R.
'29 Margaret

Medin
'31 Robert W.

Meenes
'21 Max

Meleski
'32 Anthony P.
'19 Harry J.

Melican
'23 James P.

Mellen
'36 Alice M.

Mellor
'18 Earl G.

Melville
'37 Robert S.

Melvin
'11 Roy S.

Menard
'35 Roland J.

Merk
'27 Mrs. Lois B. (Bannister, Lois A.)

Merriam
'39 Frederick S.
'16 George H.

Merriman
'31 Elizabeth S. (See Davis, Mrs. James W.)

Merritt
'26 Bessie A.

Metcalf
'22 Charles A.
'32 John W., Jr.

Mettler
'29 Fred A.

Metzler
'93 William H.

Meyer
'28 Leo J.
'36 Robert S. *

Meyerhardt
'16 Maurice W.

Michaels
'32 Arthur x

Michal
'20 Aristotle D. (Michalopoulas, Aristotle D.)

Michalopoulas
'20 Aristotle D. (See Michal, Aristotle D.)

Michelson
'36 Mrs. Goldie C.

Miles
'37 Robert A.

Miliefsky
'39 Henry S.

Millea
'10 John E.
'08 William L.

Millen
'39 Donald N.

Miller
'05 Allan B.
'05 Charles W.
'27 Eileen M. (Watson, Mrs. John L.)
'34 Eugene H.
'30 Mrs. Eugene H. (Ashworth, Jessie E.)
'17 Kelly, Jr.
'08 Newton
'11 Mrs. Newton (Roethlein, Barbara E.)

Millman
'22 Max
'36 Nathan

Mills
'28 Frederick T.
'08 Owen W. *

Milstead
'26 Harley P.

Miner
'12 Douglas F.

Minogue
'36 James A.

Minsch
'05 Walter C.

Mirick
'07 George H.

Misakian
'20 Haig (See Silvanie, Haig)

Misawa
'08 Tadasu x

Mitchell
'18 Archibald W.
'17 Lily E.
'28 May A.
'27 Margaret M. (See Spector, Mrs. Ivar)
'23 Ralph W.
'38 Rosemary

Miyamoto
'24 Katsukei x

Moberg
'30 Edgar A.
'39 Wensel W.

Modder
'20 Montagu F.

Moller
'22 Elisabeth F. x

Molt
'13 Robert N.

Monat
'10 Achilles H.

Monroe
'11 Arthur

Montgomery
'25 Eugene P.
'07 William J. *

Mooney
'16 William B.

Mooradkanian
'17 Gregory

Moore
'33 Mrs. Carl V. (Adams, Dorothy)
'16 Clyde B.
'25 Early W. x
'27 J. Robert
'30 Jonathan F.
'35 Norman B.

Moran
'34 Helen G.
'39 Honora A.
'22 John A. *
'32 John F., Jr.
'13 William T.

Moreno
'00 Halcott C.

Moriarty
'08 George F.

Morley
'10 Raymond K.

Morlock
'16 George A.

Morrill
'27 Emmet T.

Morris
'39 Bernard
'14 George W.
'38 Joycelin I.

Morrison
'21 Arthur B.
'31 Hugh M.
'21 Joshua

Morrow
'10 Curtis H.

Morse
'04 Josiah
'24 L. Lucile *
'16 Laurence P.
'15 Margaret (Nice, Mrs. Leonard B.)

Morton
'12 Harold A.

Moss
'34 Paul F.

Moulton
'39 Benjamin

Mountain
'24 Harold A.

Moyer
'33 Josephine C.

Moyle
'11 Henry B.

Muir
'20 George W. *

Mulcahy
'33 Mrs. Frances x
(McCormack,
Frances)
'30 K. Cecilia (See
Harter, Mrs.
George)

Mullany
'26 Catherine P. *

Mullette
'23 Charles F.

Mulvey
'33 George *

Munn
'28 Norman L.

Murdock
'14 Arthur W. x
'30 Frederick M.

Murphy
'38 Anna L.
'18 Blanche L.
'28 Theresa M.

Murray
'18 Mabel T. (See
Dixon, Mrs.
George E.)

Muse
'31 Grace

Mutchler
'04 Fred

Muttart
'14 William L.

Myers
'06 George E.
'37 Merle W.
'21 Roscoe W.

Nadler
'22 Aaron
'23 Jacob E.

Nafe
'25 Robert W. x

Nagle
'09 Ashley R.
'34 Mary E.

Nakamura
'09 Yasuma

Nakanishi
'13 Tetsutaro

Nally
'38 William J.

Nash
'23 Mrs. Albertine A.
(Richards,
Albertine)

Nathanson
'13 Joseph N.
'38 Norman J.

Neal
'23 Arthur M.

Neary
'33 Michael T.

Neet
'32 Claude C.

Negus
'13 Sidney S.

Nelson
'19 Arthur J.
'36 Carl E.
'16 Ernest W.
'33 Florence A.
'34 James S.
'38 Rodney E.

Newberry
'39 Ethel W.

Newman
'33 Sidney H.

Newton
'37 Albert E.

Ney
'38 Robert M.

Nice
'11 Leonard B.
'15 Mrs. Leonard B.
(Morse,
Margaret)

Nichols
'23 Corydon R. *
'91 Herbert *
'95 Thomas F. x

Nickerson
'06 Carleton B.

Nicol
'26 Theodore

Niman
'29 William A.

Niven
'38 Jorma I.
(Iltanen, Jorma)

Noble
'26 Dorothy V. (See
Brooks, Mrs.
E. Bennett)

Nordenholt
'13 Herman C.

Noreen
'21 Anton H. R.

Norman
'39 Paul P.

Norris
'11 Albert F.

Northup
'32 Francis F.

Nugent
'38 John J., Jr.

Nuki
'24 Denmatsu

Nystrom
'36 J. Warren

Oak
'37 Vishnu V.

Oakes
'11 John W.

Oberg
'34 Ernest V.
'12 Frank T.

O'Brien
'13 Francis J.
'17 George F.
'14 John C.
'23 John F.

O'Bryan
'26 H. Miles x

O'Connell
'14 John F.
'14 Joseph V.

O'Connor
'27 Delia G. *
'34 John F.
'38 Mary E.

O'Connor (cont.)
'31 Sabina G.

O'Day
'14 John P.

O'Donnell
'33 Eleanor M.
'31 Mary A.

Odum
'09 Howard W.
'09 Mrs. Howard W.
(Kranz, Anna L.)

Oehme
'12 Paul A.

O'Flynn
'13 George B.

Ogilivie
'13 Clinton B.

O'Grady
'39 Winifred L.

O'Halloran
'27 William F.

O'Hara
'16 V. Winthrope

Ohrn
'37 I. Marie
'34 Roy A.

O'Keefe
'14 Justin E. *

Oldenburg
'16 William H.

Olds
'31 John B.

O'Leary
'23 Ellen J.
'22 John B.

Olin
'21 Paul A.

Oliver
'37 A. Russell

Olson
'39 Carl W., Jr.
'30 Dorothy M. (see
Leeper, Mrs.
Robert.)
'39 Walter A.

O'Neil
'35 Richard J. *

O'Neill
'18 Anne W.
'29 John A.

Ordahl
'08 George
'07 Mrs. George
(Ellison,
Louise)

Ordway
'36 Robert S.

Ortman
'37 Joseph F.

Osborn
'06 Willard L.

Osborne
'07 Caroline A. *
'23 W. Terry

Ostrom
'32 Abbie C.

Oswell
'31 Mahlon M.

Otis
'16 Paul H.

O'Toole
'32 Edward J.
'32 George A.

Oxholm
'14 Gustav K.

Packard
'26 Leonard O.

Page
'38 Howard E.
'27 John L.

Paige
'27 Mildred M.

Paine
'15 Merrill P.

Palmer
'35 Franklyn G.

Panarity
'26 Gerim M.

Park
'23 Bessie L.

Parker
'14 Charles C.
'33 David J.
'38 Harry C.
'16 Henry C.
'09 Lester S.
'05 Waldo D.

Parkes
'22 Alanson W.

Parks
'18 G. Hapgood

Parmelee
'36 Richard C.

Parmiter
'36 Charles A.

Parslow
'38 John B.

Parson
'34 Ruben L.

Partridge
'22 Allan B.
'99 George E. x
'22 Roland E.

Pasanen
'29 Walter R.

Patchett
'26 Howard G. x

Patterson
'36 Frank H.
'09 Thomas L.

Payne
'29 Sarah A.

Peabody
'16 Leroy E.

Pearcy
'32 George E.

Peardon
'22 Thomas P.

Pearse
'24 Harry

Pearson
'19 Mrs. Charles W.
(Bullard, Ida L.)

Peck
'16 Edward B.

Peckham
'06 Albert J. *
'12 John L.

Pelletier
'22 Valmore A.

Peltier
'30 Charles L.
'37 Louis C.
'12 Louis J.

Pender
'33 John J.

Pepin
'37 John L.

Percy
'13 Carl L.

Perkins
'21 Ernest R.

Perley
'10 Donald *

Perlmutter
'24 Nucia

Perman
'35 Maxwell L.
'23 Samuel

Perrin
'17 Lloyd W.

Perry
'39 Henry B.
'37 Joseph L.
'11 William B.

Person
'37 Robert

Peters
'11 Frank W.
'18 Mrs. Frederick
(Iva L.)
'38 George M.

Peterson
'27 Alice H.
'28 Ernest G.
'39 Helga E.
'39 Warren S.

Petke
'35 Frederick E.

Pettit
'20 Effie D.

Phair
'32 James A.

Phelan
'09 William F.

Phelps
'14 Everett R.
'07 Lyman B.

Philbin
'31 Richard J. x

Phillips
'07 Charles L.
'98 Daniel E.

Phinney
'22 William L., Jr.

Picó
'34 Rafael

Pierce
'12 Harold F.
'36 John H. x

Pierrel
'17 Gren O.

Pieters
'19 Maurice J.

Pils
'32 Meta H.

Pilsworth
'14 Malcolm N.

Piper
'23 Lewis H.

Pitcher
'26 Thornton L.

Pitkin
'30 Victor E.

Pitlik
'17 Samuel

Pleasant
'14 Gault W.

Plumb
'28 Philip B.

Pogue
'39 Forrest C., Jr.

Poland
'10 Mrs. Orville
(Farlin,
Amy C.)

Politsch
'33 Lloyd B.

Pollock
'29 Morris P.

Pomerat
'32 Charles M.
'36 Gerard R.

Pomeroy
'20 Howard E.

Pond
'17 Samuel E.

Poole
'20 Charles P. x

Pooler
'25 Priscilla A.

Pope
'24 Henry W.

Popko
'24 Peter F.

Popowicz
'37 Walter T.

Popple
'31 Arthur S.

Porter
'22 C. Scott
'37 David
'35 David R.
'27 Gordon D.
'06 James P.
'08 Thomas L. *

Post
'25 Clarence

Potter
'12 Herman M.
'37 Laurence E.
'24 Norwood C.

Pottle
'38 Irwin D.

Potts
'25 W. Gerald

Poulin
'32 Eva A.

Powell
'39 Allen S.
'30 Katharine A. (See
Wells, Mrs.
Henry W.)

Power
'17 Francis W.
'31 Josephine R.
'31 Katherine L.
'08 Thomas F.

Powers
'12 Frank R.
'39 George H.
'10 Wallace F.

Prager
'08 William L.

Prator
'29 Moina *

Pratt
'13 Aaron P.
'15 Carroll C.
'20 Mrs. Carroll C.
(Bates, Marjory)
'22 Stewart M.

Preissel
'26 William F.

Prescott
'35 Milton E. x

Presson
'38 Harold W. *

Preston
'11 Harold A.

Price
'24 Ronald W.

Pride
'36 George H.

Primmer
'33 George H.

Prince
'16 Arthur L.

Prohaska
'15 George A. *

Prue
'21 Milton F.

Pruette
'20 Lorine L.

Pucillo
'23 John

Purnell
'14 John H.

Quam
'38 Louis O.

Quimby
'07 Howard L.
'37 Margaret

Quinn
'29 James x

Rabinov
'22 Isaac x
(Rabinovitz,
Isaac)

Rabinovitz
'22 Isaac x (See
Rabinov,
Isaac)

Racicot
'38 T. Peter

Racine
'11 Arthur R.

Radley
'12 Edward T. *

Raffel
'33 Gertrude (See
Schneidler,
Gertrude R.)

Rajala
'39 Asari

Ramsdell
'10 Floyd A.

Randolph
'15 Vance

Rapaport
'37 Harry

Raphael
'29 Ralph

Rasely
'12 Hiram N.
'10 Warren McK.

Ratigan
'23 John E.

Read
'30 Francis A.

Readey
'10 Daniel J. x

Reardon
'33 Joseph P.

Rebboli
'19 Mrs. Mary D.
(Downey, Mary)

Reed
'18 Ellery F.
'33 Emerson C.

Regan
'29 Ellen F. *

Reichenthal
'39 Eugene H.

Reid
'26 Frank J.

Reidy
'25 Edward P. x

Resnik
'13 Samuel

Rettger
'98 Ernest W.

Reymert
'17 Martin L.

Reynolds
'34 James B.
'25 Paul E.
'26 Mrs. Philip H.
(Jodrey, Viola)

Rhodes
'35 Mrs. E. J.
(Doyle,
Margaret M.)

Rial
'16 David W.

Riani
'22 Alfred J.

Rice
'10 Allan G.
'23 George E.
'20 Murray J.

Rich
'28 George B.

Richard
'32 Dorothy E.

Richards
'23 Albertine A. (See
Nash, Mrs.
Albertine A.
'27 Gragg

Richardson
'08 Carlton E.
'17 Edgar B.
'37 Horatio M., Jr.
'13 Roy F.

Richmond
'24 Eugene L.
'36 Mark S.
'15 Winifred V.

Ridderhof
'24 John A. x

Ridgley
'25 Douglas C.

Riffolt
'24 Nils A.

Riggs
'34 Lorrin A.
'36 Mrs. Lorrin A.
(Robinson,
Doris R.)

Rikimaru
'23 Ji-Yen

Riley
'35 James L.
'24 Michael F.
'38 Paul W.
'31 Stephen T.

Ringoen
'29 Andrew T.

Ringquist
'19 Oscar E.

Ripley
'27 Mabel x

Risley
'12 Charles H.

Ristow
'37 Walter W.

Rizzolo
'22 Allilio M.

Roark
'14 Eugene W. *

Roberts
'31 M. Catherine

Robertson
'24 Ina C.

Robinson
'15 Bruce B.
'10 Carroll W.
'36 Doris R. (Riggs, Mrs. Lorrin A.)
'16 Harold C. *
'13 Kirkman K.
'34 Virginia M.

Roche
'10 John F.

Rochette
'36 Robert P.

Rockwood
'08 Robert E.

Rodgers
'21 Stanley E., Jr.

Roethlein
'11 Barbara E. (Miller, Mrs. Newton)

Rogers
'30 Harry
'26 John H.

Romanoff
'37 Bernard L.
'37 Saul M.

Rood
'06 James T. *

Roope
'20 Percy M.

Rosanoff
'14 Lillian (See Lieber, Mrs. Hugh G.)
'11 Mrs. M. A. * (Louise P.)

Rosemark
'39 Clarence J.

Rosen
'23 Raphael

Rosoff
'32 Leon

Ross
'21 Burgess B.
'21 Mrs. Burgess B. (Snider, Hallie L.)

'37 Harold W.
'31 John W. H.
'32 W. Clifford, Jr.

Rosvall
'34 Toivo D.

Rothera
'36 Ralph E.

Rothman
'28 Theodore

Rourke
'39 Elizabeth A.

Rouse
'22 Charles E.

Rowe
'09 Eugene C. x

Rowland
'22 Robert J.

Roy
'38 Eric A.
'30 Joseph L.
'33 Raymond S.
'26 Satyananda *

Rubin
'34 Morton A.

Rucker
'28 Robert W.

Ruedi
'32 Oreen M.

Ruseckas
'38 Vincent P. (See Russell, Vincent P.)

Russell
'21 Edward D.
'24 H. Harrison
'08 James A.
'23 Joseph F.
'17 Robert P.
'35 Roger W.
'38 Vincent P. (Ruseckas, Vincent P.)
'34 William F.
'38 William J.

Rutter
'31 Emily T. (Willauer, Mrs. Philip B.)

Ryan
'39 Arthur J.
'05 Edward A.
'16 Francis A.
'34 Philip E.

Ryer
'21 William H.

Sachs
'26 Jacob Y.

Sackett
'10 Leroy W. x

Sagalyn
'37 Julian L.

Sage
'16 David

St. John
'19 Abraham G.
'17 Ancel
'11 Charles W. *
'08 Edward P.

Saisselin
'14 Edward L.

Salminen
'33 Ilmari F.
'32 Wilho M.

Salmon
'09 John J.

Sampson
'11 George G.

Sanborn
'12 Kent L.

Sandman
'34 Jordan P.

Sanger
'28 Quintin M.
'15 William T.

Sanjurjo
'38 Maria A. *

Sarasohn
'12 Israel J.

Sargent
'13 Elon G.

Saunders
'95 Clarence A. *
'22 Margaret J. *
'24 Richard M.

Savage
'32 Elizabeth A.
'14 Joseph W.

Sawyer
'13 Frank L. x

Sayle
'33 Harriet A.
'33 Mary E.

Scanlan
'37 James J.

Scannell
'25 Agnes V.

Schadegg
'37 Francis J.

Schaefler
'27 Martin *

Scharf
'32 Ann E.

Scheibe
'38 Fred K.

Schermerhorn
'37 Lloyd A.

Schieber
'18 Clara E.

Schlesselman
'28 George W. x

Schmucker
'23 John P.

Schneider
'30 Leonard R.
'15 Samuel P. *

Schneidler
'33 Gertrude (Raffel, Gertrude)

Schofield
'10 Roger W.

Schonning
'30 Carl E.

Schoonmaker
'20 George B.

Schorr
'37 Stanley A.

Schreiber
'35 Frederick A.

Schub
'21 Pincus

Schultheiss
'22 Robert C. x

Schultz
'24 Isadore E.
'39 Julian

Schultze
'12 John F. W. *

Schürmann
'05 Harry

Schwab
'11 William K.

Schwendeman
'27 Joseph R.

Schwenning
'21 Gustav T.

Schwieger
'29 Albert J.

Scott
'29 Allan C.
'39 Clare
'96 Colin A. *
'30 John H.

Sears
'01 Charles H.
'36 M. Jeannette (Holmgren, Mrs. Axel V.)

Sechrist
'13 Frank K. *

Seckler
'32 Pearl (See Berkley, Mrs. Louis)

Seder
'18 Maxwell B.
'21 Saul A.

Segal
'18 Harry

Seligson
'33 Isaac

Serijan
'36 Kasper T.

Sessions
'24 William V.

Seward
'23 Ralph P.

Shachoy
'34 Gordon R.

Shafer
'11 George H.

Shalloo
'19 James D.
'24 Jeremiah P.

Shanahan
'29 Raymond P.

Shanbaum
'36 Samuel

Shank
'23 Marjorie M.

Shannon
'21 Luke E.

Shapiro
'21 Harry I.
'31 Louis E. x
'39 Max A.
'39 Nathan

Shappy
'34 Roland F.

Sharrett
'36 Ralph L.

Shaw
'14 Charles B.
'33 Earl B.
'38 Paul F.
'33 William P.

Shea
'35 Agnes G.
'37 Daniel J.
'18 Gerald F. x
'38 Joseph E.
'32 Joseph M.
'15 Theodore E.

Shedd
'09 Clarence P.

Sheedy
'38 Eleanor

Sheehan
'12 Jeremiah
'15 John F.
'09 Thomas W.

Sheftel
'27 Harry B.
'31 Milton S.

Sheldon
'00 Henry D.
'10 Otis C.

Sherman
'29 David
'31 Walter R.
'13 William R.

Shields
'26 Hazel D. x (See Garrison, Mrs. Curtis W.)

Shiflet
'23 Chester H.

Shipman
'27 Fred W.
'23 Julia M.

Shor
'24 David M.

Shrager
'19 Arthur M. x

Shukle
'17 Revashanker, M. x

Shwadran
'38 Benjamin

Sibley
'10 Robert L.

Siddell
'08 William G.

Sievers
'36 Angelika

Signor
'21 Henry L.

Silk
'28 Ellen M. H.

Silvanie
'20 Haig (Misakian, Haig)

Silverman
'29 David B.
'27 Samuel
'29 Yetta (See Ferdinand, Mrs. Robert)

Simmerer
'20 H. Eugene

Simmons
'30 Mrs. Anna G. E.

Simonds
'31 Stuart H.
'37 William A.

Simpson
'33 Robert B.

Singleton
'32 Francis J.

Siple
'39 Paul A.

Slade
'30 Frank D.
'17 William F.

Slate
'20 Everett J., Jr.
'29 Robert I.

Sleeper
'25 L. Maxwell
'30 Samuel

Sloan
'16 Harold H.

Slobin
'05 Hermon L.

Slocum
'00 Stephen E.

Slonaker
'96 James R.

Slopak
'32 Abraham
'34 Elias

Small
'05 Maurice H. *
'15 Max (Smelensky, Max)
'27 Ralph L.
'22 Sherwood H.
'00 Willard S.

Smart
'34 Lyndwode N. L.

Smelensky
'15 Max (See Small, Max)

Smith
'28 Abraham
'29 Benjamin
'14 Benjamin F. *
'11 Claude L.
'21 David H.
'39 Edward A.
'17 Everett H.
'16 Frederick M.
'15 Gertrude (See Virginia, Sister Marie, S.N.D.)
'33 Harold K.
'21 Harold M.
'05 Howard M.
'34 Mrs. J. Sheppard, Jr. (Duprey, Dorothea M.)
'12 John A.
'33 Joseph R.
'19 Laura G.
'15 Lawrence
'26 Louis V.
'34 M. Winifred
'22 Mary A.
'12 Milton
'34 Nathan J.
'09 Nicholas A. C.
'10 Pauline A. *
'14 Raymond M. *
'23 Sheldon B.
'25 Sherman M.

Smithline
'34 A. Joseph

Snape
'30 Thelma L.
'33 William J.

Snell
'30 S. Hayward

Snider
'21 Hallie L. (See Ross, Mrs. Burgess B.)

Snoddy
'15 George S.

Snow
'20 Arthur P., Jr.

Solomon
'36 Abraham
'30 Harry D.

Somers
'31 William H.

Sommerman
'22 Henry H.

Soteriades
'16 C. Theodore (See Sottery, C. Theodore)

Sottery
'16 C. Theodore (Soteriades, C. Theodore)

Southwick
'30 Thomas E.

Sowden
'32 Ruth V.

Sowles
'10 Horace K.

Spadola
'28 John M.

Sparkman
'11 Colley F. x

Spaulding
'30 Charles C.

Spector
'27 Mrs. Ivar (Mitchell, Margaret M.)

Spence
'32 Robert A. *
'30 Vina E.

Spencer
'38 Charles E.
'35 Roger B.

Spidle
'11 Simeon

Springs
'26 James D.

Sproul
'14 Leland S.

Sprowls
'18 Jesse W.

Squier
'12 Rosie G.

Staebner
'13 William H.

Staley
'20 Seward C.

Stanton
'28 Cora A.
'17 Joseph M.

Starbuck
'97 Edwin D.

Stautz
'34 Althea C.

Stavrianos
'34 Leften S.

Stead
'38 Albert T.

Stearns
'15 George E.

Stebbins
'07 George E.

Stedman
'30 Harry P.

Steele
'11 Asa G.
'11 Mrs. Asa G.
(Adele A.)

Steeves
'39 Frederic V.

Steiman
'33 Solomon E.

Stein
'38 Saul R.

Steinhilber
'33 Gustav W.
'36 Otto W.

Stejer
'25 Francis A.

Stetson
'26 William C.

Stevens
'30 Frank P.
'33 James M.

Stevenson
'17 Eugene
'06 Timothy J.

Steves
'08 George H.

Stewart
'97 Colin C.
'36 Kenneth H.
'33 Mary E.
'29 Walter G.

Stikarofsky
'20 Albin (See
Stitt, Albin

Stimson
'10 Harold F.
'37 William T.

Stirling
'39 William L.

Stitt
'20 Albin
(Stikarofsky,
Albin

Stockman
'38 Harlan W.

Stoddard
'10 Hubert E.
'12 Russell B.

Stone
'28 Robert

Stonequist
'22 Everett V.

Storer
'26 Irving L.

Story
'07 William E. x

Stotz
'37 Carl L.

Stoutemyer
'10 John H.

Stowe
'21 Allen B.

Stoy
'12 Annie E.

Strasburg
'30 Frederick R. *

Street
'98 J. Richard *

Streeter
'10 Robert J.

Strub
'33 George R.

Studley
'36 Lois A.

Sturges
'16 Harold M.

Sturtevant
'12 Arnold P.
'22 Ralph E.

Styles
'09 Edmund D. *

Su
'25 Lee

Sugden
'36 Lelia S.
(Wentworth,
Mrs. Lelia)

Sukaskas
'35 Vitold

Sullivan
'27 Catherine E. (See
Browne, Mrs.
Grant H.)
'35 George P.
'13 John F.
'28 John J.
'19 John W. x
'33 Leo V.
'38 Marie
'30 Mary V.
'11 Thomas F.

Sumner
'33 Alfred R.
'16 Francis C.

Sundberg
'33 Oliver E.

Sundeen
'38 Earl I.
'39 Roy C.

Surabian
'26 Simon

Suvoong
'25 Thomas H. x

Swan
'26 Paul R.

Swartfiguer
'38 Eva M.

Swartz
'27 David E.

Sweeney
'13 James F. *

Sweeney
'33 Eugene M.

Swett
'31 Elmer L.
'25 Phelps N.

Swift
'03 Edgar J. *

Switzer
'23 Jesse E.

Syrocki
'36 Boleslaus J.

Tabor
'27 Osborne B.

Tacker
'37 Herbert R.

Taft
'10 Arthur C.
'14 Donald R.

Talamo
'16 Haskell *
'14 Joseph

Talbot
'35 Geraldine C.
'14 Rolfe H.
'34 Russell P.

Taliaferro
'31 Rebecca M. (See Truitt, Mrs. Garland L.)

Tanaka
'21 Isawo

Tangney
'34 Robert A.

Tanner
'24 Elmo

Tappan
'34 Paul W.

Tarlov
'26 Isadore M.

Tashamka
'22 George (See Davis, George T.)

Tashjian
'34 Berge C.
'26 John T.

Tatham
'34 George
'19 Lewis C.
'28 Stanley J.

Tausch
'27 Mrs. Anne E.

Taylor
'23 Hiram S.
'34 Richard C.
'39 Robert C.
'96 Samuel N.
'20 Wilfred L. x

Teachout
'17 Robert B.

Ten Broeck
'29 Edward M.

Terio
'36 Oiva A.

Terman
'05 Lewis M.

Terrill
'37 Irving W.

Tetrault
'12 Philippe A.

Thayer
'22 Dwight H.
'24 P. Edward
'12 Ralph H. x

Thomajan
'23 Puzant K. x
'21 Zareh G.

Thomas
'15 Adrian
'33 Albert R.
'10 Horatio W.
'25 Katheryne C. (See Whittemore, Mrs. Charles W.)
'30 Raymond C.
'13 Wilson W. *

Thompson
'22 George R.
'11 Hubert C.
'15 Louis T. E.
'16 Luther S.
'18 Russell S.
'14 Thomas G.
'33 Tillie M.

Thomson
'13 Earl W.

Thurber
'00 Charles H. *

Tierney
'27 Thomas J.

Tinker
'21 Miles A.

Tinsley
'25 William W.

Titchener
'17 John B.

Titus
'38 Howard A.

Tobin
'13 Frank A.
'34 Irwin M.

Todd
'15 Leonard C.

Tomajan
'28 Russell

Toman
'37 James E. P.

Tompkins
'32 Earle A.

Toombs
'21 Herbert R.

Toomey
'32 Harry L.
'25 John J.
'38 Kathryn D.

Torigoye
'23 Kazutaro

Tosi
'33 Ernest A.

Totah
'11 Khalil A.

Tourville
'11 Bertram *

Towle
'19 Laurence C.

Towne
'21 Charles C.
'24 Edmund B.
'12 Ralph V.
'23 Stanwood B. E.

Townsend
'16 Frank A. x
'13 Irving J.

Toy
'31 Charles M.

Tracy
'93 Frederick

Trafton
'14 F. Lester

Traynor
'30 Catherine T.

Trettien
'04 August W. *

Treudley
'16 Mary B.

Triplett
'00 Norman *

True
'17 Walter F.

Trueblood
'36 Lester W.

Truitt
'31 Mrs. Garland L.
(Taliaferro,
Rebecca M.)

Trumbull
'35 John T.

Tufts
'13 Frances (See
Hoar, Mrs.
Charles E.)

Tung
'19 Shih x

Tupper
'27 Eleanor (See
Bjorkoe, Mrs.
George O.)
'14 Frank E.

Turbeville
'30 Harry E.

Turner
'34 Stanley G.

Twichell
'10 Mrs. Henry S.
(Cochran,
M. Ethel)

Twining
'12 Ralph H.

Twombly
'31 Elwin H.

Tyree
'12 Louis C.

Uchiyama
'20 Genichi

Udo
'10 Kazuwo x

Ueda
'10 Tadaichi

Uhrig
'19 Frank V. (See
Brewster,
Frank V.)

Underhill
'35 Mary T. (See
Koloseike,
Mrs. Mary U.)

Uppvall
'19 Axel J.

Ussher
'30 Sydney R.

Vail
'36 Anna F.

Vaitkus
'37 John W.

Van Cleef
'26 Eugene
'26 Mrs. Eugene
(Frieda)

Van Der Voort
'31 John L.

Van Der Vries
'01 John N. *

Van Dusen
'19 Albert P.

Van Name
'37 M. Etta

Van Royen
'28 Willem

Van Waters
'13 Miriam

Varg
'35 Paul A.

Varney
'25 Burton M.

Vinal
'29 Ella L.

Vinciguerra
'36 Edmund A.

Virginia
'15 Sister Marie,
S. N. D. (Smith
Gertrude)

Waddell
'05 Charles W.
(Waddle,
Charles W.)

Waddle
'05 Charles W. (See
Waddell,
Charles W.)

Wagenhauser
'28 Muriel E. (See
Hidy, Mrs.
Ralph W.)

Wahlstrom
'20 Carl E.

Waite
'13 Mary A.

Waites
'33 Sara F. (See
Guthrie, Mrs.
Robert F.)

Waits
'16 Benjamin L.

Wakefield
'06 Jerry M.

Wald
'38 Haskell P.
(Wolkowich,
Haskell P.)

Waldron
'35 Florence I.

Walker
'32 Carol T.
'34 Donald A.
'12 Frank A. *
'36 Paul R.

Wallace
'08 Edith M.
'32 Grace x

Walsh
'05 Frederick W.
'17 Henry C.
'11 James H., Jr.
'32 Vincent M.

Ward
'16 Henry P.
'14 John T.
'33 Mary L.

Ware
'16 Alfred T. *

Warmbier
'22 Edward J. x

Warren
'37 Arthur B.

Wasson
'35 Margaret M.

Watanabe
'07 Jun x

Watson
'27 Mrs. John L.
(Miller,
Eileen M.)

Weaver
'10 Edward E. *

Webb
'12 J. Shaw
'05 Reginald L.

Weber
'26 J. Henry

Webster
'15 Clarence M.

Weed
'26 Bester C.

Weeden
'31 Clarice J.

Weeks
'17 Angelina L.

Weems
'94 Julius B. *

Weinberg
'21 Max

Weld
'11 Harry P.

Wellington
'31 Parker

Wells
'30 Mrs. Henry W.
(Powell,
Katharine A.)
'31 Newton A.
'03 Roy T.

Welson
'29 Milton K.

Wentworth
'36 Mrs. Lelia S.
(Sugden, Lelia)

Wesson
'10 Philip D.

West
'29 Anthony J.
'31 Boardman A.
'38 Frederic M.

Westerberg
'07 Iwar S.

Westerholm
'34 Roland J.

Weymouth
'25 Frank D. x
'31 Harold D.

Wheaton
'38 Philip D.

Wheeler
'21 Albert H.
'29 Alfred H. x
'10 Lucius B.
'12 Raymond H.
'92 William M. *

Whitaker
'10 Mrs. R. B.
(Gulick, Louise)

Whitcomb
'20 G. Rowe

White
'13 Carl M. *
'25 Charles L.
'20 Elizabeth B.
'11 Ernest H.
'08 Jesse H.
'16 Leslie B.
'23 Lester P.
'10 Ralph H.
'22 Vinton E.

Whitehouse
'32 Karl C.

Whiting
'12 Robert A.
'28 Stanley H.

Whitman
'34 Howard G.
'30 Samuel M.
'12 Warren C.

Whittemore
'25 Mrs. Charles W.
(Thomas,
Katheryne C.)

Whittet
'37 Helen S.

Whittey
'16 Austin L.

Whyte
'23 Earle F.

Wiel
'30 Theodore A.

Wiggam
'09 Augusta (See
Hinshaw, Mrs.
David S.)

Wilder
'36 Arthur S.
'28 Frank W.
'34 Frederick H., Jr.
'21 Samuel A.

Willard
'38 Ethel L.

Willauer
'31 Philip B.
'31 Mrs. Philip B.
(Rutter,
Emily T.)

Willcox
'09 Inman L. *

Willey
'20 Malcolm M.

Williams
'35 Arthur R.
'22 Carl A. x
'17 Cecil R. *
'14 Curtis T.
'00 Frank B. *
'21 Isadora C. x
'37 Joel
'25 John L.
'30 William L.

Willis
'10 Jessie L. (See
Brockman,
Mrs. Frank M.)

Wills
'97 Albert P. *

Wilmarth
'39 Madelin A.

Wilmouth
'28 Irene F.

Wilner
'32 Irving

Wilson
'15 Edward C.
'30 F. Edward
'39 H. Hubert
'32 Idele L. x
'34 Sydney E. x
'33 Walter C.
'15 William J.

Wingate
'05 Harold C.

Winn
'22 Warren B.

Winslow
'12 Arthur C.
'24 Guy H.

Winter
'30 Frederick

Wolfe
'27 George M. D.

Wolkowich
'38 Haskell P.
(See Wald,
Haskell P.)

Wood
'17 Ernest R.
'11 Moses E. *
'11 Mrs. Moses E.
(Kirtley, Ida H.)
'21 Walter D.

Woodbury
'15 Harold D.
'10 Robert M.

Woodhead
'14 Arthur E.

Woods
'13 Elizabeth L.

Wooster
'24 Charles B.

Wordell
'30 Everett J.

Wright
'31 Albert C.
'08 Clarence D.

Wuorinen
'21 John H.

Yamada
'11 Sohichi

Yanofsky
'24 Jacob Y. (See Young, Jacob Y.)

Yanovsky
'12 Elias

Yerkes
'28 Warren A. x

Yetvin
'38 Irving J.

Yokogawa
'17 Yosohachi

Yokoyama
'21 Matsusaburo

York
'38 Robert M.

Young
'34 Benjamin C.
'92 J. W. A.
'24 Jacob Y. (Yanofsky, Jacob Y.)
'27 Richard E.

Youngquist
'36 Lincoln R.

Yung
'22 Chi-Hsuing x

Zarrow
'27 Harry
'34 Myer X.

Zeitfuchs
'21 Edward

Zeldin
'17 Samuel D.

Zeller
'30 Rose

Zeuch
'16 William E.

Zigler
'17 Michael J.

Zinn
'20 Earl F.

Zumpfe
'29 Leroy C.

Zweigbaum
'23 Abraham

CLARK UNIVERSITY

The Fifty-first Annual Commencement

JUNE 8 1941

WORCESTER MASSACHUSETTS

Order of Exercises

Processional	
Invocation	Frederick Raymond Clee DD Pastor of the Old Bergen Church Jersey City New Jersey
Statement by the President	
Commencement Address	Lowell Thomas MA LittD
Announcement	The Edmund C Sanford Scholarship The Prentiss Hoyt Prize in Poetry The Ahepa Prize in Greek
Conferring of Degrees	
Benediction	
Recessional	

The audience will kindly remain
standing during the recessional

Candidate for the Degree of Bachelor of Education

Raymond John Manarel

Candidates for the Degree of Bachelor of Arts

Ben Haig Bagdikian
Frank Antonio Bartimo
Linton Junior Bassett
Charles Frank Boynton Jr
Albert Louis Bredice
Robert Woods Bullock
Carol Francis Butler
Charles Albert Chabot Jr
Irving Edward Chase
Herman Lloyd Church Jr
John Joseph Clair Jr
Roger William Cleveland
David Jerome Cohen
Harry Harrison Cohen
Gustaf Coontz
Robert Thomas Cossaboom
Emidio Anthony DeLollis
Clifford Holman Doolittle
Lucius Theodore Everett
Everett Dow Glover
Chester Handleman
Paul Manfred Hanson Jr
Edward Michael Healy
Forrest Walker Hubbard
Richard Lester Hull
Richard Edward Hunter
Edmund Nicodem Kudarauskas
Manuel Hervé Lopez
Edward Kasimir Mikoloski
Robert Lindo Moore Jr
Robert Alfred Nelson
Edward George O'Neil
Gerard Arthur Ouellette
Robert Bradford Phipps
John Francis Ross
William Edward Sides
Albert Brown Southwick
Elof Folke Swenson
John Henry Thompson
Roger George Viens
William Henry Webster Jr
Thomas Junior West

Candidates for the Degree of Bachelor of Arts with Honors

Gene Joseph Barberet *with Honors in Romance Languages*
James Lee Eldridge *with Honor in General Course and with Honors in History and International Relations*
Frank Edward Ritacco *with Honor in General Course*
Anthony Varjabedian *with Honor in General Course*

Since the last annual commencement the degree of Bachelor of Arts has been conferred upon the following candidates as of June 9, 1940

Theodore Merritt Hargen
James Joseph Taparowsky

WHERE BE . . .

Once the meadows were bare,
  And the mountains naked stood;
But breath came out of the air,
  And out of the water came blood.

And out of the moving air
  The shuttling tongues wove words
That straightway dissolvéd were,
  And vanished away like birds.

And now there springs as then
  Grass from the grudging stone;
And the myriad sons of men
  Rise from the dust alone.

Rise from the dust and walk,
  And utter the transient word—
And in this silent rock
  Is lovely song immured.

* * *

Beauty and truth now dumb
  Will flare—and smoulder low—
Out of the earth they come,
  But who knows whither they go—?

Candidates for the Degree of Master of Arts

Biology

George Howard Pride

Economics and Sociology

Clarence Lyle Barber
Marie Tullner Bradshaw
James Lennon Duffy
Helen Elizabeth Hill
Louis Sidney Hurwitz

Geography

Kenneth Arthur Battersby
Lee Hamsher Diehl Jr
Mary Louise MacDonald
Sidley Kerr Macfarlane
Paul Felix Martin
Mary Margaret Murphy
Jessie May Thornton

History and International Relations

Dorothy Louise Brown
Jennie Lenora Cheatham
Jean Winifred Clarahan
Marie Virginia DeBartolo
Harold Luther Fenner
Donald Ellis Johnson
Lillian Edith Newfield
Walter Donald MacKinnon Sage
John Joseph Shannon

Psychology

Jack Bernard
Douglas Weston Bray
Marjorie Ballou Dolkart
Esther Kroop

Candidates for the Degree of Master of Arts in Education

Benjamin Bernstein
Richard Meredith Burner
Katrina Ellen Curtis
John Francis Foley
Arthur Raymond Higginbottom
Lawrence Reuben Houle
Kasper Thomas Serijan
Albert Theodore Stead
Howard Clarence Steere

Candidates for the Degree of Doctor of Philosophy

Chemistry

Francis Howard Bratton
Robert Ernest Brouillard
Oscar Paul Cohen
Bernard Kopelman

Economics and Sociology

Randle Edwin Dahl

Geography

Lawrence Franklin Fountain
Jackson Edwin Guernsey
Paul Cross Morrison
Joseph Raymond Schwendeman
Robert Bonebrake Simpson

History and International Relations

Kathryn Derby Toomey Bartimo
William McAleer
Robert Maurice York

Psychology

Arthur Bertrand Warren

Honorary Degrees

Frederick Raymond Clee	Presented by Leroy Allston Ames
Lowell Thomas	Presented by Walter Elmer Ekblaw
Howard Washington Odum	Presented by Samuel Jacob Brandenburg
Isador Lubin	Presented by James Ackley Maxwell
Benjamin Shores Merigold	Presented by Jesse Lunt Bullock
George Hubbard Blakeslee	Presented by Dwight Erwin Lee
Frank Ross McCoy	Presented by Samuel Van Valkenburg
Katharine Cornell	Presented by Loring Holmes Dodd

Annual Collegiate Honors

SENIORS

First Honors

James Lee Eldridge
Frank Edward Ritacco

Second Honors

John Joseph Clair
Edward George O'Neil
John Henry Thompson

JUNIORS

First Honors

David Hamilton Horne
Donald William Kuhn

Second Honors

Paul Aaron Hyman Guss
Wallace Dorman Kilpatrick
Robert Howe Scotland

SOPHOMORES

First Honors

Douglas Charles Hebb
Solomon Israel

Second Honors

Roy Stuart Anderson
John Patsy Augelli
George Philip Hebert
Malcolm Kent Jones

FRESHMEN

First Honors

Marvin Israel Gruss
Edward Elliot Sinclair
Alan Bennett Wade

Second Honors

Leonard Cohen
Marcus Gordon Grodberg

EDMUND C SANFORD SCHOLARSHIP

David Hamilton Horne

PRENTISS HOYT PRIZE IN POETRY

Albert Brown Southwick
For the Poem "Where Be"

THE AHEPA PRIZE FOR EXCELLENCE IN ELEMENTARY GREEK

First Prize	Paul Aaron Hyman Guss
Second Prize	Andrew George Priest

CLARK UNIVERSITY

Final Assembly of the 1941 Summer School

August 8, 8:30 P. M.

I The Summer Players Present:

THE TEMPEST

by

William Shakespeare

Alonso, King of Naples	Robert Leslie
Sebastian, His Brother	Joseph Racine
Prospero, the Right Duke of Milan	Clarence Daigneau
Antonia, His Brother, the Usurping Duke of Milan	Norman Brulé
Ferdinand, Son to the King of Naples	Richard Court
Gonzalo, an Honest Old Counsellor	Philip Wheaton
Francisco, a Lord	Charles Lee
Caliban, a Savage	Francis Kirby
Trinculo, a Jester	Sidney Sawyer
Stephano, a Drunken Butler	Myles McAleer
Master of the Ship	Peter Balcanoff
Boatswain	Anthony Vamvas
Mariner	Max Feldman
Mariner	Frederick Lidstone
Miranda, Daughter of Prospero	Beatrice Green
Ariel, an Airy Spirit	Barbara Masterson
Iris	Katherine Daniels
Ceres	Anne Jacobs
Juno	Marie Jameson

Attendants: Eleanor Garvey, Christine Flynn, Lee Paine.

Strange Shapes: Peter Balcanoff, Anthony Vamvas, Frederick Lidstone, Christine Flynn, Eleanor Garvey, George Deering, Lee Paine.

SCENE: On the Ship, afterwards on the Island

II Conferring of Degrees — President Atwood

Bachelor of Education

Ann Gertrude Cahill
Margaret Veronica Mahoney
Rose Mary Mahoney
Florence Cecelia McKeon
Barbara Virginia Newhall
Deborah Frances O'Connor
Gertrude Clare Power
John Paul Reardon
Mary Elizabeth Regan
*Anne Smith Rush
Catherine Agnes Sullivan

Master of Arts in Education

Lorraine Catherine Horan
Mary Frances Shine

Master of Arts

Geography

Helen Margaret Carey
Hazel Gertrude Handel
Lillian Mary Holland
Harriet Ruth Long
John William Reith
Seymour Israel West

*—Degree to be awarded on the completion of a small amount of additional work.

Clark University

SUMMER SCHOOL
BULLETIN

JUNE 30 to AUGUST 8

NUMBER 152 · JANUARY, 1941
WORCESTER · MASSACHUSETTS

CALENDAR

June 30	Monday, 9 A.M. - 12 M. Registration. 8 - 10 P.M. Faculty reception to members of the Summer School.
July 1	Tuesday, 8 A.M. Regular classroom work begins.
July 4	Holiday.
July 8	Lecture. "The European Situation." Dr. Van Valkenburg.
July 10-11	Summer Players. "Mornings at Seven." By Paul Osborn.
July 15	Lecture. "A Historian Looks at Europe." Dr. Lee.
July 17-18	Summer Players. "Bachelor Born." By Ian Hay.
July 22	Lecture. "The Rôle of Natural History in National Defense." Illustrated. Dr. Potter.
July 24-25	Summer Players. "She Stoops to Conquer." By Oliver Goldsmith.
July 29	The Enjoyment of Poetry. Verse reading choir. Verse plays. Prof. Illingworth.
July 30	Summer School Picnic. 4 P.M.
July 31-Aug. 1	Summer Players. "Brief Music." By Emmet Lavery.
August 5	Summer Players. Scenes from Great Plays.
August 8	Summer session closes. Final Assembly at 8:30 P.M. Conferring of degrees and presentation of Shakespeare's "The Tempest."

Notes.—In order to make up Friday, July 4, all classes will meet Saturday, July 12.

All meetings will be held, unless otherwise announced, in Atwood Hall, Clark Auditorium.

TRIPS

Dates to be announced.

Geographical field excursion down Blackstone Valley to Providence and Newport.

Historical and literary trip to Lexington and Concord.

A trip to the North Shore, Franklin Park Zoölogical Gardens, Arnold Arboretum, the Aquarium, and the Natural History Museum at Harvard University, containing the famous glass flowers.

A trip to Babson Institute, Wellesley Hills, Mass., to see the large relief map of the United States.

The Bulletin is published in January, March, May, October and December.

Entered as second-class matter, December 29, 1920, at the Post Office at Worcester, Mass., under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917 authorized January 24, 1921.

Clark University

BULLETIN OF SUMMER SCHOOL

❧

June 30 to August 8

WORCESTER · MASSACHUSETTS

To the Clark University Summer School:

I wish to enroll as a student in the Summer School for 1941 and enclose with this the Registration fee of two dollars.

Name ....

Address ....

Date ....

Occupation during the past academic year ....

....

....

Graduate of what college, normal school, or other educational institution, with date of graduation?

....

....

....

Tentative List of Summer School Courses Which Applicant Desires to Enter

....

....

....

....

....

(Describe by Subject and Number, i.e., Geography 190)

Have you been accepted as a candidate for a degree?

At what institution? .... What degree? ....

Have you ever attended the Clark University Summer School? ....

If so, what was year of last attendance? ....

THE SUMMER SCHOOL

OFFICERS OF INSTRUCTION AND ADMINISTRATION

Wallace Walter Atwood, Ph.D.
President of Clark University and Director of the Graduate School of Geography, Clark University.

Robert S. Illingworth, A.M., Ed.M. .... *English and Dramatics*
Director of the Summer School and Professor of Dramatic Art, Clark University.

Walter Elmer Ekblaw, Ph.D. .... *Geography*
Professor of Geography, Clark University.

Samuel Van Valkenburg, Ph.D. .... *Geography*
Professor of Climatology and Regional Geography, Clark University.

Guy H. Burnham, A.M. .... *Cartography*
Cartographer, Clark University

Dwight Erwin Lee, Ph.D. .... *History*
Professor of Modern European History, Clark University.

F. Eugene Melder, Ph.D. .... *Economics and Sociology*
Assistant Professor of Economics and Sociology, Clark University.

Vernon Jones, Ph.D. .... *Education*
Professor of Educational Psychology, Clark University.

David Potter, Ph.D. .... *Biology and Botany*
Professor of Biology, Clark University.

David Mitchell Dougherty, Ph.D. .... *Romance Languages*
Associate Professor of Romance Languages, Clark University.

Heinrich Morant Bosshard, Ph.D. .... *German*
Associate Professor of German, Clark University.

Lydia P. Colby .... *Recorder*

Florence Chandler .... *Bursar*

COMMITTEE ON THE SUMMER SCHOOL

The President of the University
The Director of the Summer School
Messrs. Blakeslee, Van Valkenburg, Brandenburg

THE SUMMER SCHOOL AT CLARK UNIVERSITY

Clark University is now laying special emphasis on fields of study that lead to a better understanding of national and international problems. Geography, Economics, and History and International Relations are of fundamental importance to all students interested in the solution of the larger problems now before the world.

The Summer School program is concentrated in a few closely related departments of study—Geography, History, Economics, English, Drama, Education, Biology and Botany, French and German. The rich library resources of these fields give opportunity for wide reading.

The work of the Summer School is intensive. Courses meet five times a week. Three courses are considered a full program. Many students will find it advantageous to concentrate all their energies on the work of two courses or even on a single course.

Location and Buildings

Clark University is located on Main Street about a mile and a quarter southwest of the City Hall. Trolley cars and buses run directly past the University. Taxicab service is available at moderate price.

The office of the Summer School is located in the Jonas G. Clark Hall, which contains also the general offices of the University. The office of the President of the University and the Geography workroom are in the Geography Building where some classes are held.

All the classroom, library, and laboratory facilities of the University, so far as they pertain to the subjects of instruction offered, are at the disposal of students of the Summer School.

The Library

The Library of the University was provided with a generous endowment by the founder of the Institution, and affords favorable opportunities for study and research. The Library now owns more than 157,000 bound volumes and pamphlets, and the Reading Room receives more than 500 journals. All the privileges of the Library are open to all members of the University, and each member has direct access to every book and journal.

In addition to the library facilities provided by the University, students may avail themselves of the privileges of other excellent libraries in the city. The Worcester Public Library contains 250,000 volumes. The Library of the American Antiquarian Society, housed in the national headquarters of the Society in Worcester, contains more than 500,000 volumes and pamphlets. These libraries are pleased to serve Summer School students.

Admission to the Summer School

Graduates of colleges, technical schools, normal schools, or secondary schools, college students, and teachers in schools of any grade are admitted as a matter of course upon application. Other applicants are admitted upon approval of their qualification for the work which they desire to do.

Students in the College Division of Clark University who desire to have work done in the Summer School credited toward an A.B. degree are required to obtain the approval of the College Board.

Registration

Persons who desire to enter the Summer School should detach and fill out the printed application form in this BULLETIN and forward it, with the registration fee of two dollars, to the Clark University Summer School. The amount of the registration fee will be deducted from the tuition fee when the latter is paid. Checks should be made payable to Clark University.

The registration of all students in all courses should be completed on June 30. To this end students should, as far as possible, determine before the opening of the session, through personal conference or correspondence with the Director, or the various instructors, the courses in which they expect to register.

Formal registration will take place between 9 A.M. and noon on Monday, June 30, in Jonas G. Clark Hall. All instructors will be available for consultation and for signing registration cards between these hours. Class work will begin Tuesday morning.

Credit for Work Done

Some of the courses of instruction in the Summer School are of college grade, others are strictly graduate courses, and many are equally suitable for advanced undergraduate or graduate students.

Unless otherwise announced, each course is designed to cover the equivalent of two semester hours of credit, and is so credited when applied toward a degree in Clark University. Three courses constitute a full schedule; a maximum of four courses may be taken, but only with the consent of the Director. With the consent of the instructor, students may attend other classes as auditors.

A certificate, with a statement of courses taken and grades received, will be furnished at the close of the session to all students who desire it. In order to obtain a prompt report, students should leave a stamped and addressed envelope at the Recorder's office during the last week of the session.

Summer School courses may be applied toward the fulfillment of the requirements for the degree of Bachelor of Arts, Bachelor of Education, Master of Arts, or Master of Arts in Education, *subject to the general regulations of the University.*

Tuition and Fees

Students taking two or three courses pay a fee of thirty-five dollars; those who desire to take but one course may do so upon payment of a fee of twenty dollars, which entitles them also to all special privileges of the Summer School. The same charge is made whether students register as auditors or for credit. Students who take a fourth course for credit will pay an additional tuition fee of $10, to be paid as a separate item by the end of the second week of the term.

Students registering in the Summer School who have not previously been enrolled in Clark University are required to pay a matriculation fee of five dollars. The fee is paid only once and is not returnable.

Tuition may be paid at any time before 5 P.M. of Thursday July 3. Checks should be made payable to Clark University.

Board and Rooms

A few rooms are available for women in the Faculty House. Fraternity houses are reserved for men. Reservations may be made by correspondence. Good rooms may be had in private homes near the University at $3 to $5 per week. Meals, at moderate prices, may be secured in the vicinity of the University. A list of desirable rooms will be sent on request.

The Bachelor of Arts Degree

Students who have been admitted to the Undergraduate Department of the University may secure not more than six semester hours of credit toward the Bachelor of Arts degree in any one summer session on condition that permission be secured in advance from the College Board and that programs of study be approved by the Dean of the College.

The Bachelor of Education Degree

The degree of Bachelor of Education is offered to teachers, both men and women, who have completed a two-year normal school course, or its equivalent, and who have had at least one year of experience in teaching. Candidates for this degree are under the direction of the Committee on Extension Courses and Special Students.

The degree is awarded on the satisfactory completion of a program of studies aggregating slightly more than the equivalent of two years of regular college work, in addition to the normal school course. Candidates for the degree may earn the necessary credit in summer school, in extension courses ("Courses of College Grade for Adults"), and in regular college courses. A minimum of thirty (30) semester hours must be earned in residence at Clark University. All or part of the balance may be earned elsewhere, *subject to approval in advance by the Committee on Extension Courses and Special Students or its authorized representative.* A series of courses designated as "COURSES OF COLLEGE GRADE FOR ADULTS" is offered each semester at the University to meet the needs of candidates for the degree of Bachelor of Education. Study outside of regular classes conducted under the auspices of a recognized institution of college grade cannot be accepted for "credit," though such study may be the basis of relief from requirements in particular subjects.

A teacher in active service may normally earn a maximum of four semester hours of credit in each semester of the academic year and six* hours in a six-week summer school. At this rate, the degree can be sceured in five calendar years after the completion of the normal school course. Men who are candidates for the degree and who can devote themselves to full-time study will usually find it possible to enroll in regular college classes for a program yielding fifteen semester hours of credit each semester. *Women are not admitted to college classes at Clark University. Women, candidates for a bachelor's degree, will usually not find it possible to secure a full-time program of courses during the regular academic year.*

The program leading to the degree includes requirements in English, foreign language, laboratory science, social science and education.

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*Full credit will not be given when a student enters a summer school after the first week of the session nor when changes of program are made after the first week of the session.

RULES AND REGULATIONS

The more important rules affecting candidates for the degree of Bachelor of Education are stated below.

It is impossible to cover explicitly, by rule, all situations which may arise in the absence of a fixed curriculum and with the possibility that credit toward the degree may be obtained from a variety of sources. The committee is guided by the general purpose to maintain a reasonable standard, involving suitable choice of courses and satisfactory performance in them.

1. Admission. Only those who have completed a two-year normal school course or the equivalent may be admitted to candidacy for the degree of Bachelor of Education.

An application for admission to candidacy must be made in writing on a form which may be obtained from the university recorder. An application should be accompanied by evidence of graduation from a standard high school and an *official* record of all study by the applicant in normal school and college.

Applicants are notified in writing of action on their applications. Such notice in the case of those accepted includes a statement of "credit" allowed on records submitted, and of any special requirements.

2. A Matriculation Fee of $5 must be paid for the purpose of opening an official record of credit in the office of the university recorder.

3. "Credit" from Other Institutions.
   - a. Credit of 54 semester hours will normally be given for the completion of a standard two-year course in a normal school or teachers college. Less than this may be granted at the discretion of the committee in charge of this work. Additional credit may be allowed for more than two years' work at a normal school or college, and for suitable work in extension courses or in summer schools. The total credit from other institutions cannot exceed 90 semester hours.
   - b. After admission to candidacy credit may be allowed for courses taken at approved universities, colleges, or normal schools, provided such courses are authorized in advance. In exceptional cases the committee may authorize credit for such courses taken without previous approval, but under no circumstances in excess of 75% of the face value of such courses.
   - c. Not more than thirty hours of credit may be allowed for home study courses and extension courses taken with outside institutions. Such work is accepted from only a limited number of sources. This thirty-hour limit applies to the combined total of home study and "extension" courses.

4. Requirements for the Degree.
   - a. 120 semester hours of college credit, including advanced standing granted at the time of admission to candidacy.
   - b. At least 30 semester hours of credit earned *in residence* at Clark University. (Included in the total of 120 semester hours.)
   - c. At least one year's teaching experience.
   - d. Requirements in particular subjects:
     - (1) Six semester hours in psychology or education, taken after the completion of the two-year normal school course or its equivalent.
     - (2) Six semester hours of laboratory science, taken after the completion of the two-year normal school course or its equivalent.

(3) Ten semester hours of English, which may be taken in whole or in part in the normal school course.

(4) Twelve semester hours in any *one* foreign language, which may be completed in whole or in part elsewhere than at Clark University. Evidence of the completion of this requirement may be supplied in the following ways: 1. by securing credit in course toward the degree for the twelve semester hours required; 2. by securing credit in course toward the degree for at least the last four semester hours normally required to complete the twelve hour requirement; 3. by passing satisfactorily an examination set by Clark University.

(5) Twelve semester hours of economics, geography, government, history, or sociology, at least six of which must be taken after the completion of the two-year normal school course or its equivalent.

NOTE:—Prospective candidates are urged to complete formal enrollment in time to complete at least 30 semester hours of credit toward the degree after admission to candidacy, in order that they may benefit by advice as to requirements and wise selection of courses.

5. STANDARD OF SCHOLARSHIP. A grade better than D+ is required in three-fourths of all credit accepted toward the completion of the requirements for the degree.

6. LAPSE OF CANDIDACY. Candidacy for the degree terminates automatically whenever for a period of two years or more a candidate has failed to complete any courses in Clark University yielding credit toward the degree. A candidacy terminated under this rule may be renewed by action of the committee. Such renewal may involve a revision of allowances previously made both in respect to total credit and requirements in particular subjects.

7. DIPLOMA FEE. The diploma fee (five dollars) should be paid to the Bursar not later than the beginning of the semester or summer session in which the requirements for the degree will be completed.

The Master of Arts Degree

A student admitted to full graduate standing may satisfy the minimum residence requirement for the Master of Arts degree by attending six summer sessions of six weeks each, and taking a normal program made up exclusively of graduate courses approved by the department in which the student is seeking the degree. The minimum residence requirement may be met in five sessions, if the Master's thesis is prepared outside summer session periods under the supervision of the department in which the student is a candidate for the degree. In this case, the degree will be conferred not earlier than the June commencement following the completion of the fifth summer session of attendance.

Persons who wish to become candidates for the Master's degree beginning with a summer session, should take up correspondence promptly with Dr. H. Donaldson Jordan, Secretary of the Graduate Board, Clark University. Application blanks with directions for making application for graduate standing will be furnished on request by the Secretary of the Graduate Board. Formal admission to graduate work by the department in which the student seeks the degree should then be secured in advance of the opening of the summer session.

A person who has already entered upon graduate work should arrange his program for the summer session of 1941 by corresponding with the department in which he is a candidate for a degree.

The Degree of Master of Arts in Education

In February, 1936, the Trustees of the University voted the establishment of a Department of Education which will give work leading to the degree of Master of Arts in Education. The work of the Department formally began at the opening of the academic year 1936-1937, but courses satisfactorily completed in the 1936 summer session by properly qualified students will count toward this degree. The Department will also offer courses which may be counted toward a Bachelors' degree.

Residence Requirement. The residence requirement for this degree of Master of Arts in Education is the same as for the Master of Arts degree, which usually means, in the case of Departments which offer work in the Summer School, that not more than one-half the courses for the degree may be taken in summer sessions. Extension course credits may not be counted in fulfilling the requirements for the Master of Arts degree in Education. However, many regular courses which will normally be taken toward this degree will be scheduled in late afternoons and Saturdays in the regular academic year. These will count toward the satisfaction of regular residence requirements.

Course Requirements. The student working toward the degree of Master of Arts in Education will be expected to elect one of the following groups of studies as the field in which he wishes to teach: (a) mathematics and natural sciences; (b) history and other social sciences; (c) ancient and modern foreign languages; (d) English, alone or in combination with some related subject.

Prior to receiving the degree, the candidate must have completed not less than five year-courses in one of the above groups, or in a combination of groups approved by the Department of Education. At least one year-course of the five must be taken during residence for the advanced degree and be passed with a grade which will carry graduate credit. In addition to the above requirement in the subject-matter field, 16 semester hours of graduate work in Education will normally be required of the candidate during residence. Also, the student must present a thesis, or special report, in which he demonstrates not only his grasp of the subject-matter which he plans to teach but also a mastery of the educational principles necessary for such teaching. Work in addition to the above requirements, either in a subject-matter field or in Education, or both, may be required if this seems necessary for the adequate preparation of the candidate.

Admission. Students whose first connection with the Graduate School of the University is in the summer session will not be formally considered as candidates for classification as regular graduate students until after a summer in residence. Students with a better-than-average record from their undergraduate college and who make superior grades at Clark may expect to be accepted as regular graduate students.

Courses for Graduate Students. Of the following courses in Education to be offered in the summer session of 1941, those marked with an asterisk (*) will carry credit toward the degree of Master of Arts in Education.

*SS211.	Educational and Vocational Guidance	Dr. Vernon Jones
*SS206.	Educational Adjustment of the Adolescent	Dr. Vernon Jones
*SS240.	Consumer Education	Dr. Melder
SS18.	Methods in Teaching Biology	Dr. Potter
SS140.	Appreciation of Literature	Prof. Illingworth
SS5.	Stagecraft	Prof. Illingworth

Courses for Undergraduate Students. Students working toward a Bachelor's degree may register for any of the above starred courses with the permission of the instructor.

The Summer School Association

The Summer School Association was organized by the students at the first session of the Summer School in 1921. The Association promotes the social activities of the school during the summer session. Every student is urged to participate in the activities of the Association as they develop during the term.

Summer Tourist Railroad Rates

Summer Tourist Railroad Rates from Chicago and places west of Chicago will probably be in effect from June to October. Inquiry should be made at local ticket offices.

The Summer School Roster

The names of students of the Summer School, with their home addresses, will be found in the General Catalogue of the following academic year. Students who desire a list should write to the University after February 1, of the following year.

DEPARTMENT ANNOUNCEMENTS

The right is reserved to withdraw any course listed in the event of a registration too small to justify its being given.

Courses marked with an asterisk (*) may be taken for graduate credit.

Geography

The courses in geography announced here include undergraduate and graduate courses in the several phases of the subject. Certain fundamental courses are offered every summer. Others are given every other year or occasionally.

Students whose assignments involve the preparation of maps or who wish to practice map-making will appreciate the opportunity for special help by the cartographer, Mr. G. H. Burnham, in the geography workroom.

SS190. The Earth as a Planet. A study of the earth and its relations to the other bodies of the Universe. Practical problems dealing with such topics as the seasons, altitude of the sun, latitude, longitude, time, tides, and the calendar will be presented in a way that will be helpful to teachers of junior high school geography.
Daily, except Saturday, at 2. MR. G. H. BURNHAM

SS191. Maps, Charts, and Graphs: Their Construction and Interpretation. A discussion of various graphic methods and their application to geographic data. Particular emphasis will be placed upon the importance of maps in national defense.
Monday, Wednesday, Friday at 3, Laboratory 2 hours
(to be arranged) MR. G. H. BURNHAM

***SS27a. Human Geography.** A survey of man's occupancy of the earth to determine the part that geographic influences have played in shaping the movements of peoples, the course of civilization and racial development, and the rise and fall of nations.
Daily, except Saturday, at 9. DR. EKBLAW

***SS201. Geography of North America.** A regional study of the continent; the relationships of the regions—physiographic, climatic, soil, and plant; the adaptations of man's activities to various physical factors and the distinctive industries and communities arising from them.
Daily, except Saturday, at 11. DR. EKBLAW

***SS213. The Geography of National Defense.** A geographic evaluation of some of the problems of national defense; the physical background, the human element, the economic structure, especially foodstuffs, industrial raw materials, transportation, and trade. Special study will also be made of the colonial possessions and naval bases of the United States and their relationship to problems of national defense.
Daily, except Saturday, at 8 DR. VAN VALKENBURG

***SS285. The Geography of Europe.** A geographical treatment of the European continent with special references to the geographical weaknesses which led to serious international disagreements. Possible remedies for these weaknesses will be analyzed.
Daily, except Saturday, at 10. DR. VAN VALKENBURG

***SS30. Seminar in Geography.** An organized discussion of research problems and theses. Attendance is required of all students preparing theses or conducting research.
Tuesdays at 3. DRS. EKBLAW AND VAN VALKENBURG

***SS34. Research in Geography.** For properly qualified students.
DRS. EKBLAW AND VAN VALKENBURG

HISTORY AND INTERNATIONAL RELATIONS

SS110. Survey of International Relations. An introduction to present day world issues and problems such as war and peace, the foreign policies of the leading world powers, and some of the forces which help to shape them. Lectures, readings and class discussions. Graduate credit may be obtained by special arrangement with the instructor.
Daily, except Saturday, at 9. DR. DWIGHT E. LEE

***SS222. Causes and Course of the Present European War.** After a brief summary of the peace settlement of 1919 and its aftermath, attention will be centered upon European affairs since the rise of National Socialism in Germany in 1933. The end of disarmament, the Ethiopian conquest, the German repudiation of Versailles, Spanish Civil War, Munich, the German-Polish conflict, the outbreak and the Blitzkrieg of 1940 are some of the principal topics to be considered. Readings, reports, and class discussions.
Daily, except Saturday, at 11. DR. DWIGHT E. LEE

***SS354. Research in the History and International Relations of Europe.** For properly qualified graduate students who wish guidance in the study of some special field of interest. DR. DWIGHT E. LEE

ECONOMICS AND SOCIOLOGY

SS10. Social Problems. A survey course dealing with some of the major and persistent problems of our society, such as poverty, crime, housing, race attitudes, medical care and rural-urban disorganization. These and other problems are examined from the standpoints of causation and methods of social control which give promise of effective results.
Daily, except Saturday, at 10. DR. MELDER

***SS240. Consumer Education.** Consumer training in modern school programs; aids available to the teacher; objective information on buymanship and marketing; the consumers' problems in relation to the National Defense Program; and consumers' protection are included among the topics treated in the course. Students interested in planning curriculum material will be given an opportunity to organize units on various fields of consumer information.
Daily, except Saturday, at 12. DR. MELDER

***SS32. Research in Selected Social and Economic Problems.** For properly qualified graduate students Dr. Melder

ENGLISH AND DRAMATICS

SS140. Appreciation of Literature. A thoroughly practical course based upon the belief that intelligent understanding and proper interpretation of the thoughts of another depend largely upon the ability to read, express, paraphrase, and discuss the chosen selection. Literary interpretation and intensive analysis of prose, poetry, and dramatic forms, designed to increase the accuracy of silent reading and the beauty of oral reading. Students in this course form the nucleus for the verse reading choir.
Daily, except Saturday, at 9. Professor Illingworth

SS126. Modern Continental Drama. Beginning with Ibsen, as the founder of modern drama, representative plays of such important dramatists as Strindberg, Bjornson, Tolstoy, Gorky, Chekhov, Andreyev, Maeterlinck, Rostand, Hauptmann, Sudermann, Schnitzler, Molnar, Benavente, D'Annunzio, Pirandello, and others will be read. Significant movements in the theatre will likewise be discussed through their chief exponents.
Daily, except Saturday, at 10. Professor Illingworth

SS5. Stagecraft. The course is designed primarily to give training in dramatic expression. Further, it takes into consideration the allied arts of the theatre, the function of stage settings, the procedure in mounting a play, the evolution of the design through sketches and miniature models, costumes, properties, make-up, pantomime, rehearsals, directing, choice of play, and theatre organization and management. The student is familiarized with all the responsibilities of play production. In so far as possible, members of this class will be chosen for the productions of the summer theatre.

Note.—A special bulletin outlining the work in this course will be ready May first. The first two productions will be cast before the opening of the Summer Session. Early registration will help in selecting the casts.
Daily, except Saturday, at 11. Professor Illingworth and Assistants

SS2. Public Speaking. A course in the composition and delivery of speeches and practice in impromptu speaking. The student is taught to breathe correctly; exercises are given to overcome speech defects; relation of speaker to audience; posture, movement, gesture, pronunciation and enunciation, methods of preparing a speech, vocabulary building. The aim of the course is to train the student to think logically and to speak simply and effectively when on his feet.
Daily, except Saturday, at 12. Professor Illingworth

Verse Reading Choir

Open to all students registered in the department. A choir of twenty voices will be chosen. Regular rehearsals to be arranged for the convenience of the choir members. Public performance will be given July 29th.

EDUCATION

***SS211. Educational and Vocational Guidance.** A consideration of some of the main principles and technique of guidance. Some attention will be given to aptitude tests and to ratings of interest and personality.
Daily, except Saturday, at 8. DR. VERNON JONES

***SS206. Educational Adjustment of the Adolescent.** A study of the psychology of adolescence with special reference to the factors which relate to educational problems and planning.
Daily, except Saturday, at 11. DR. VERNON JONES

See *SS240. (Sociology) Consumer Education.
Daily, except Saturday, at 12. DR. MELDER

See SS18. (Biology) Methods in Teaching Biology.
Monday, Tuesday, Thursday, Friday at 10, and one laboratory period Wednesday afternoon at 2. DR. POTTER

See SS140. (English) Appreciation of Literature.
Daily, except Saturday, at 9. PROF. ILLINGWORTH

See SS5. (Dramatics) Stagecraft.
Daily, except Saturday, at 11. PROF. ILLINGWORTH

BIOLOGY AND BOTANY

SS16. Field Biology. An introduction to the study of plants and animals with special emphasis upon their relations to the environment in which they live. Growth, feeding habits, life histories, and relationships to man will be some of the topics discussed. As much time as possible will be spent out of doors.
A laboratory fee of $2.00 is required.
Tuesday, Wednesday, Thursday, Friday at 8, and one laboratory period Monday afternoon at 2. DR. POTTER

SS18. Methods in Teaching Biology. A course designed to aid the teacher in presenting material for study. The making and care of Aquaria and Terraria, the preparation of plant and animal exhibits, the methods of collecting, mounting, and preserving animal and plant forms will be some of the topics discussed.
A laboratory fee of $2.00 is required.
Monday, Tuesday, Thursday, Friday at 10, and one laboratory period Wednesday afternoon at 2. DR. POTTER

***SS300. Research in Biology.** DR. POTTER

ROMANCE LANGUAGES

French SS11. Introductory Course. For beginners and for students who have studied French for less than one year. Elementary grammar and simple exercises in pronunciation. Greatest attention will be given to the development of reading ability by means of carefully graded texts relating to French life and civilization.
Daily, except Saturday, at 8. DR. DOUGHERTY

French SS12.* **Intermediate Course.** For students who have had two years of French in high school or one year in college. Rapid review of grammar; exercises and drill in pronunciation. Emphasis will be placed on extensive reading of selected texts in the fields of French literature, history and biography.
Daily, except Saturday, at 10. DR. DOUGHERTY

Spanish SS11. **Introductory Course.** For beginners and for students who have studied Spanish for less than one year. Elementary grammar and simple exercises in pronunciation. Greatest stress will be given to the development of reading ability and to a consideration of the cultural achievements of Spain and Spanish America.
Daily, except Saturday, at 9. DR. DOUGHERTY

(*Students who desire three (3), instead of two (2), credit hours for this course may make application for additional work, to be offered if demand warrants.)

GERMAN

SS1. **Elements of German.** This course is designed to give practical training in German to persons with little or no previous experience in the language. It makes a careful study of the grammatical fundamentals, the pronunciation and the close relationship between English and German, and uses the spoken word freely for the acquisition of a limited active vocabulary. Reading of easy prose, poems and songs. Some of the poems and songs will be interpreted with the aid of records of prominent actors and singers. A few students interested in special phases of the language and qualified to do the work may do extra work under the supervision of the instructor for additional credit.
Daily, except Saturday, at 9. DR. BOSSHARD

SS2. **Review and Easy Prose.** This course reviews the grammatical fundamentals; it offers oral and written composition in conjunction with the reading of prose selections. Students who intend to register for SS3 but find that their foundation is not quite adequate should register for SS2 and SS3.
Daily, except Saturday, at 10. DR. BOSSHARD

SS3. **Reading of Expository Prose.** (Basic German in the Summer School.) Careful reading of German prose of normal difficulty and rapid reading of easy material; drill of the basic vocabulary and methods of handling complex sentences. The course is designed to give a thorough reading knowledge of both normal and difficult German with the help of a dictionary. While the course avoids the reading of material of a technical scientific nature it is planned to satisfy the need of scientists by the choice of texts written by scientists and the drill of a basic vocabulary selected from scientific and scholarly writings. Open to undergraduate and graduate students with an elementary knowledge of German. Prerequisite: Good results in SS1 or its equivalent, or average results in intermediate courses.
Daily, except Saturday, at 11 DR. BOSSHARD

SCHEDULE OF LECTURE AND RECITATION HOURS

Instructor	8	9	10	11	12	*Afternoon*
ILLINGWORTH		SS140 Apprec. of Lit.	SS126 Mod. Cont'l. Drama	SS5 Stagecraft	SS2 Pub. Speaking	
EKBLAW		*SS27 a Human Geog.		*SS201 Geog. of N.A.		*SS30[1] *SS34[2]
VAN VALKENBURG	*SS213 Geog. of Nat'l. Defense		*SS285 Geog. of Europe			*SS30[1] *SS34[2]
BURNHAM						SS190[3] SS191[4]
LEE		SS110 Survey of Intern'l. Relas.		*SS222 Causes and Course of Pres. War		*SS354[2]
MELDER			SS10 Social Probs.		*SS240 Consumer Educ.	*SS32[2]
V. JONES	*SS211 Edu'l. & Voc'l. Guidance			*SS206 Edu'l. Adj't. of Adolescent		
POTTER	SS16 Field Biol.		SS18 Methods in Teaching Biol.			SS16[5] SS18[6] *SS300[2]
DOUGHERTY	Fr. SS11 Introd. Crse. for Beginners	Spanish SS11 Introd. Course for Beginners	Fr. SS12 Intermed. Course			
BOSSHARD		SS1 Elems. of German	SS2 Review and Easy Prose	SS3 Reading of Expository Prose		

[1] Tuesdays at 3. [2] Time to be arranged. [3] Daily, except Saturday, at 2. [4] Monday, Wednesday, Friday at 3. (Laboratory 2 hours to be arranged.) [5] One laboratory period Monday afternoon at 2. [6] One laboratory period Wednesday afternoon at 2.

Clark University Bulletin

Catalogue Number

Worcester, Massachusetts
March, 1941

Rec'd from printer
4/8/41
Commonwealth Press

Clark University Bulletin

NUMBER 153 MARCH, 1941

CATALOGUE NUMBER

The Catalogue is a record for the current academic year, 1940–41. Such announcements for the year 1941–42 as can be made at the time of publication are included.

The Bulletin is published in January, March, September, October, and December

Entered as second-class matter, December 29, 1920, at the Post Office at Worcester, Mass., under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized January 24, 1921.

Historical Note

Clark University owes its existence to the interest in higher education of Jonas Gilman Clark, who was born at Hubbardston, Worcester County, Massachusetts, February 1, 1815. Conscious of the meagerness of his own early educational opportunities, he devoted his later years to the establishment and nurture of the institution which bears his name. In this he was ably assisted by his wife, Susan W. Clark, and by prominent citizens of Worcester. Mr. Clark died at Worcester on May 23, 1900.

The charter of the University was granted by the General Court of Massachusetts in 1887. The Graduate Division, with Granville Stanley Hall as president, received its first students in 1889. Special provision was made in Mr. Clark's will for the establishment of an Undergraduate Division with its own president but under the same general control as the Graduate Division. Carroll Davidson Wright was chosen president of the Undergraduate Division and students were first received in October, 1902. After the death of President Wright in 1909, Edmund Clark Sanford, then Professor of Psychology in the Graduate Division, was chosen as President of the college.

In June, 1920, Presidents Hall and Sanford resigned and Wallace Walter Atwood was elected to the presidency of both the Graduate and the Undergraduate Divisions of the University.

During the academic year 1920–21 the two faculties continued their separate organizations while plans for unification were being worked out. These plans, approved by the Board of Trustees, went into effect in 1921–22 and provided for the fusion of the two faculties into a single body.

With the election of President Atwood, provision was made for the establishment of a Graduate School of Geography, and work in that school was begun in the fall of 1921.

A Summer School with a six weeks' session has been conducted each year, beginning in 1921.

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Calendar

The academic year begins on the Monday before the fourth Thursday in September, and ends on Commencement Day, the thirty-eighth Monday (the first or second Monday in June).

The first semester ends on the Saturday before the twentieth Monday and the second semester begins on the twentieth Monday of the academic year.

1940

Sept. 20–21		Freshman induction days.
Sept. 21	Saturday	Registration day for Freshmen.
Sept. 23	Monday	Registration day for all other students. Beginning of academic year.
Nov. 27	Wednesday	Beginning of Thanksgiving recess at 6 P. M.
Dec. 2	Monday	End of Thanksgiving recess at 8 A. M.
Dec. 21	Saturday	Beginning of Christmas recess at 1 P. M.

1941

Jan. 6	Monday	End of Christmas recess at 8 A. M.
Jan. 13–15		Registration days for second semester.
Jan. 20	Monday	Beginning of semester examination period.
Feb. 1	Saturday	Founder's Day. Not a holiday. End of first semester. Last day for receiving applications for undergraduate scholarships for the second semester.
Feb. 3	Monday	Beginning of second semester.
Feb. 8	Saturday	Last day for changes in undergraduate programs. Last day for receiving applications for admission to candidacy for the degree of Master of Arts in June, 1941.
Feb. 13	Thursday	Last day for payment of term bills.
Feb. 22	Saturday	Washington's Birthday. A holiday.
Feb. 28	Friday	Last day for receiving applications for graduate scholarships and fellowships for 1941–42.
Mar. 29	Saturday	Mid-semester reports.
Apr. 5	Saturday	Beginning of spring recess at 1 P. M.
Apr. 14	Monday	End of spring recess at 8 A. M.
May 23	Friday	Beginning of semester examination period.
May 30	Friday	Memorial Day. A holiday.
June 5	Thursday	Last day of semester examinations. Dissertations and theses for the Ph.D. and M.A. degrees are due at the office of the Recorder at 9 A. M.
June 8	Sunday	Commencement Day.
June 30	Monday	Summer School opens. Registration day.
July 5	Saturday	Last day for payment of Summer School tuition.
Aug. 8	Friday	Summer School closes. Final Assembly of the Summer School at 8 P. M. Conferring of degrees.

Sept. 19–20		Freshman induction days.
Sept. 20	Saturday	Registration day for Freshmen.
Sept. 22	Monday	Registration day for all other students. Beginning of academic year.
Sept. 27	Saturday	Last day for changes in undergraduate programs.
Oct. 3	Thursday	Last day for payment of term bills.
Oct. 12	Sunday	Columbus Day. Monday, October 13 not a holiday.
Oct. 31	Friday	Last day for receiving applications for admission to candidacy for the degree of Doctor of Philosophy in June, 1942.
Nov. 11	Tuesday	Armistice Day. Not a holiday.
Nov. 22	Saturday	Mid-semester reports.
Nov. 26	Wednesday	Beginning of Thanksgiving recess at 6 P. M.
Dec. 1	Monday	End of Thanksgiving recess at 8 A. M.
Dec. 20	Saturday	Beginning of Christmas recess at 1 P. M.

1942

Jan. 5	Monday	End of Christmas recess at 8 A. M.
Jan. 12–14		Registration days for second semester.
Jan. 19	Monday	Beginning of semester examination period.
Jan. 31	Saturday	End of first semester.
		Last day for receiving applications for undergraduate scholarships for the second semester.
Feb. 1	Sunday	Founder's Day.
Feb. 2	Monday	Beginning of second semester.
Feb. 7	Saturday	Last day for changes in undergraduate programs.
		Last day for receiving applications for admission to candidacy for the degree of Master of Arts in June, 1942.
Feb. 12	Thursday	Last day for payment of term bills.
Feb. 22	Sunday	Washington's Birthday. Monday, February 23, a holiday.
Feb. 28	Saturday	Last day for receiving applications for graduate scholarships and fellowships for 1942–43.
Mar. 28	Saturday	Mid-semester reports.
Apr. 4	Saturday	Beginning of spring recess at 1 P. M.
Apr. 13	Monday	End of spring recess at 8 A. M.
May 25	Monday	Beginning of semester examination period.
May 30	Saturday	Memorial Day. A holiday.
June 4	Thursday	Last day of semester examinations.
		Dissertations and theses for the Ph.D. and M.A. degrees are due at the office of the Recorder at 9 A. M.
June 7	Sunday	Commencement Day.

BOARD OF TRUSTEES

George H. Mirick (1920), Vice President and Treasurer	Worcester, Mass.
Frederic B. Washburn (1925)	Worcester, Mass.
Alexander H. Bullock (1926), President	Worcester, Mass.
Leon E. Felton, (1930), Secretary	Worcester, Mass.
Francis H. Dewey, Jr. (1934)	Worcester, Mass.
Robert H. Loomis (1936)	Boston, Mass.
Frank L. Adams (1938)	Worcester, Mass.
Howard M. Booth (1939)	Worcester, Mass.
Samuel H. Dolbear (1940)	New York, N. Y.

Final authority in all matters pertaining to the University is lodged in the Board of Trustees by charter granted by the General Court of the Commonwealth of Massachusetts.

ADMINISTRATIVE OFFICERS

President of the University and Director of the Graduate School of Geography	W. W. Atwood, Sr.
Acting Librarian	Edith M. Baker
Dean of the College	H. P. Little
Director of the Summer School	R. S. Illingworth
Director of Extension Courses	P. H. Churchman
Recorder	Lydia P. Colby
Bursar	Florence Chandler

University Staff

THE UNIVERSITY FACULTY

(Listed in order of academic seniority within each rank.)

WALLACE WALTER ATWOOD, PH.D. 160 Woodland St.

President, Professor of Physical and Regional Geography, and Director of the Graduate School of Geography, since 1920.

B.S., University of Chicago, 1897; Ph.D., 1903.

HOMER PAYSON LITTLE, PH.D. 156 Woodland St.

Dean of the College and Professor of Geology since 1922.

A.B., Williams College, 1906; Ph.D., Johns Hopkins University, 1910.

* WILLIAM HENRY BURNHAM, PH.D., LL.D. 136 Elm St.

Professor of Education and School Hygiene, 1906–26. Professor Emeritus.

WILLIAM HOMER WARREN, PH.D.

Professor of Organic Chemistry, 1925–1937. Professor Emeritus.

DOUGLAS CLAY RIDGLEY, PH.D.

Professor of Geography in Education, 1927–1937. Professor Emeritus.

BENJAMIN SHORES MERIGOLD, PH.D. 17 Charlotte St.

Professor of Chemistry and Director of the Chemical Laboratories.

A.B., Harvard University, 1896; A.M., 1897; Ph.D., 1901. Assistant Professor, 1903–08; Professor since 1908.

GEORGE HUBBARD BLAKESLEE, PH.D., L.H.D., LL.D.

Professor of History and International Relations. 21 Downing St.

A.B., Wesleyan University, 1893; L.H.D., 1923; A.M., Harvard University, 1900; Ph.D., 1903; L.H.D., Williams College, 1930; LL.D., Brown University, 1936. Instructor, 1903–04; Assistant Professor, 1904–09; Professor since 1909.

PHILIP HUDSON CHURCHMAN, PH.D. 20 Institute Rd.

Professor of Romance Languages and Director of Extension Courses.

A.B., Princeton University, 1896; A.M., 1903; Ph.D., Harvard University, 1908. Assistant Professor, 1908–11; Professor since 1911.

HAVEN DARLING BRACKETT, PH.D. 114 Woodland St.

Professor of Greek and Latin.

A.B., Amherst College, 1898; Ph.D., Harvard University, 1904. Instructor, 1904–06; Assistant Professor, 1906–12; Professor since 1912.

*- Died June 25, 1941.

LEROY ALLSTON AMES, A.M. 166 Woodland St.

Professor of English Literature.

A.B., Harvard University, 1896; A.M., 1901. Instructor, 1908–10; Assistant Professor, 1910–15; Professor since 1915.

LORING HOLMES DODD, PH.D. 88 Sagamore Rd.

Professor of Rhetoric. Curator of Art.

A.B., Dartmouth College, 1900; A.M., Columbia University, 1901; Ph.D., Yale University, 1907. Instructor, 1910–13; Assistant Professor, 1913–16; Associate Professor, 1916–20; Professor since 1920.

*ROBERT HUTCHINS GODDARD, PH.D.

Professor of Physics and Director of the Physical Laboratories.

B.S., Worcester Polytechnic Institute, 1908; A.M., Clark University, 1910; Ph.D., 1911. Instructor, 1914–15; Assistant Professor, 1915–19; Associate Professor, 1919–20; Professor since 1920.

SAMUEL J. BRANDENBURG, PH.D. 173 Woodland St.

Professor of Economics and Sociology since 1923.

A.B., Miami University, 1904; Ph.M., University of Chicago, 1909; Ph.D., University of Wisconsin, 1922.

CLARENCE FIELDEN JONES, PH.D. 193 Lovell St.

Professor of Economic Geography.

B.S., University of Chicago, 1917; Ph.D., 1923. Assistant Professor, 1923–26; Associate Professor, 1926–28; Professor since 1928.

WALTER ELMER EKBLAW, PH.D. Wheeler Ave., N. Grafton, Mass.

Professor of Geography.

A.B., University of Illinois, 1910; A.M., 1912; Ph.D., Clark University, 1926. Associate Professor, 1926–28; Professor since 1928.

†HUDSON HOAGLAND, PH.D. 150 Woodland St.

Professor of General Physiology since 1931.

A.B., Columbia University, 1921; M.S., Massachusetts Institute of Technology, 1924; Ph.D., Harvard University, 1927.

SAMUEL VAN VALKENBURG, PH.D. 11 South Flagg St.

Professor of Climatology and Regional Geography.

Ph.D., University of Zürich, 1918. Special Lecturer in Geography, second semester, 1926–27; Assistant Professor, 1927–29; Associate Professor 1932–37; Professor since 1937 (February).

JESSE LUNT BULLOCK, PH.D. 35 Downing St.

Professor of Chemistry.

A.B., Harvard University, 1914; A.M., 1928; Ph.D., 1932. Assistant Professor, 1926–32; Associate Professor 1932–37; Professor since 1937 (February).

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*Absent on leave, 1934–
†Absent on leave, 1940-41

*JAMES ACKLEY MAXWELL, PH.D. 9 Shirley St.
Professor of Economics.
A.B., Dalhousie University, 1921; A.M., Harvard University, 1923; Ph.D., 1927 (February). Instructor, 1924–26; Assistant Professor, 1926–28; Associate Professor, 1928–37; Professor since 1937 (February).

VERNON JONES, PH.D. 267 Salisbury St.
Professor of Educational Psychology.
A.B. and A.M., University of Virginia, 1920; A.M., Columbia University, 1924; Ph.D., 1926. Associate, Professor 1926–38; Professor since 1938 (February).

ARTHUR FLETCHER LUCAS, PH.D. 31 Stoneland Rd.
Professor of Economics and Sociology.
A.B., Bates College, 1920; A.M., Princeton University, 1923; Ph.D., 1925. Assistant Professor, 1926–29; Associate Professor, 1929–38; Professor since 1938 (February).

DWIGHT ERWIN LEE, PH.D. 8 Shepard St.
Professor of Modern European History.
A.B., University of Rochester, 1921; A.M., 1922; Ph.D., Harvard University, 1928 (February). Assistant Professor, 1927–30; Associate Professor, 1930–38; Professor since 1938 (February).

†HENRY DONALDSON JORDAN, PH.D. 171 Woodland St.
Professor of English History.
A.B., Harvard University, 1918; A.M., 1922; Ph.D., 1925. Associate Professor 1931–38; Professor since 1938 (February).

ROBERT STANLEY ILLINGWORTH, A.M., ED.M. 209 Lovell St.
Professor of Dramatic Art. Director of the Summer School.
A.B., Clark University, 1917; A.M., Lafayette College, 1926; Ed.M., Harvard University, 1933. Associate Professor of English, 1931–38; Professor since 1938 (February).

DAVID POTTER, PH.D. 974 Main St.
Professor of Biology.
B.Sc., Massachusetts Agricultural College, 1916; M.Sc., 1923; Ph.D., Harvard University, 1931. Instructor, 1924–27; Assistant Professor, 1927–33; Associate Professor, 1933–38; Professor since 1938 (February).

RAYMOND B. CATTELL, PH.D.
7 Breezy Green Rd., Leicester, Mass.
Professor of Genetic Psychology.
B.Sc., University of London, Kings College, 1924; M.A. and Ph.D., 1929 Associate Professor, 1938–39; Professor since 1939.

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*Absent on leave, first semester, 1940–41
†Absent on leave, second semester, 1940–41

CAREY EYSTER MELVILLE, A.B. 16 Isabella St.
Associate Professor of Mathematics.
A.B., Northwestern University, 1901. Assistant in Mathematics, 1906–09; Instructor, 1909–11; Assistant Professor, 1911–18; Associate Professor since 1918. Registrar, 1914–32.

PERCY MARTIN ROOPE, PH.D. 2 Lovell Drive
Associate Professor of Physics.
A.B., Clark University, 1920; A.M., 1924; Ph.D., 1927. Instructor, 1921–27; Assistant Professor, 1927–31; Associate Professor since 1931.

HEINRICH MORANT BOSSHARD, PH.D.
Associate Professor of German. 952 Main St., Leicester, Mass.
Ph.D., University of Zürich, 1919; M.Ed., Harvard University, 1921. Assistant Professor, 1927–32; Associate Professor since 1932.

DAVID MITCHELL DOUGHERTY, PH.D. 5 Columbine Rd.
Associate Professor of Romance Languages.
A.B., University of Delaware, 1925; A.M., Harvard University, 1927; Ph.D., 1932. Assistant Professor, 1931–40; Associate Professor since 1940 (February).

WALLACE WALTER ATWOOD, JR., PH.D. 88 Morningside Rd.
Associate Professor of Physiography and Regional Geography.
B.S., University of Chicago, 1926; A.M., Clark University, 1927; Ph.D., 1930. Assistant Professor, 1932 (February)—1940; Associate Professor since 1940 (February).

DONALD E. SUPER, PH.D. 18 Downing St.
Associate Professor of Educational Psychology.
B.A., University of Oxford, 1932; M.A., 1936; Ph.D., Columbia University, 1940. Assistant Professor, 1938–41 (February); Associate Professor since 1941 (February). Director of Personnel Bureau.

HAROLD S. JANTZ, PH.D. 2 Lowell St.
Assistant Professor of German since 1934.
A.B., Oberlin College, 1929; A.M., University of Wisconsin, 1930; Ph.D., 1933.

ROBERT H. BROWN, PH.D. 7 Brookline St.
Assistant Professor of Experimental Psychology since 1937.
A.B., Wesleyan University, 1932; A.M., Clark University, 1933; Ph.D., 1935.

*DUNCAN PECK MACDOUGALL, PH.D. 106 Woodland St.
Assistant Professor of Chemistry since 1937.
A.B., Pomona College, 1929; Ph.D., University of California, 1933.

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*Absent on leave, February, 1941 to September, 1942

FREDERICK EUGENE MELDER, PH.D. 8 Breezy Green Rd., Leicester, Mass.

Assistant Professor of Economics and Sociology since 1937.

B.B.A., University of Washington, 1926; M.A., 1931; Ph.D., University of Wisconsin, 1936.

GUY A. LEE, PH.D. 126 Morningside Rd.

Assistant Professor of American History.

A.B., Wabash College, 1932; A.M., Harvard University, 1934; Ph.D., 1938. Instructor, 1937–38; Assistant Professor since 1939 (February).

RUDOLPH FINK NUNNEMACHER, PH.D. 2 Clement St.

Assistant Professor of Biology since 1939.

B.S., Kenyon College, 1934; M.A., Harvard University, 1935; Ph.D., 1938.

STUART T. MARTIN, D.SC. 40 Clifton St.

Assistant Professor of Physics and Mathematics.

B.S., Massachusetts Institute of Technology, 1934; D.Sc., 1938. Instructor, 1938–40; Assistant Professor, 1940 (February)–1941 (February).

H. EARLE JOHNSON, MUS.M. 114 Woodland St.

Instructor in Music since 1936, and Director of the Musical Organizations.

Mus.B., Boston University, 1932; Mus.B., Yale University, 1933; Mus.M., 1934.

PAUL F. MARBLE, A.M. 16 Marble St.

Instructor in English since 1939.

Ph.B., Brown University, 1930; A.M., 1933.

ZAREH HADIDIAN, PH.D. 24 Loudon St.

Instructor in Physiology

B.S., Rensselaer Polytechnic Institute, 1934; M.S., 1935; Ph.D., Clark University, 1939. Research Assistant in Biology, 1939–40; Instructor in Physiology since 1940.

NORRIS D. HOYT, A.B. Boyden Rd., Holden, Mass.

Instructor in English since 1940.

A.B., Yale College, 1936.

FRANCIS H. BRATTON, A.M. 4 Woodbine St.

Instructor in Chemistry since 1941 (February).

B.S., Washington College, 1937; A.M., Clark University, 1938.

ROY C. GUNTER, A.M. 10 Oberlin St.

Instructor in Physics since 1941 (February).

B.S., Bowdoin College, 1938; A.M., ~~Washington~~ Boston University, 1939.

OTHER MEMBERS OF THE STAFF

Gregory Pincus, Ph.D. — 60 Downing St.
Visiting Professor of Experimental Biology.

Saul Rosenzweig, Ph.D. — Worcester State Hospital
Assistant Professor (Affiliate) of Abnormal Psychology.

Charles H. Stauffer, Ph.D. — Worcester Polytechnic Institute
Assistant Professor (Affiliate) of Chemistry.

Perry B. Cott, Ph.D. — Worcester Art Museum
University Lecturer of Fine Arts.

Pearce Davis, Ph.D. — Harvard University
Visiting Lecturer in Economics.

Erwin Raisz, Ph.D. — Institute of Geographical Exploration
Visiting Lecturer in Cartography. — Harvard University

Guy H. Burnham, A.M. — 19 Woodman Rd.
Cartographer, Graduate School of Geography.

Ernest Raymond Whitman — 48 Downing St.
Director of Physical Education.

Sergius J. Bernard — 1174 Main St.
Assistant Director of Physical Education.

Michael B. Fox, M.D. — 390 Main St.
Medical Director.

Claude K. Scheifley
Visiting Professor of German

RESEARCH ASSOCIATES IN BIOLOGY

Mark Graubard, Ph.D.
William Pearlman, Ph.D.
Dorothy Martin, Ph.D.
Richard C. Potter

STUDENT ASSISTANTS

Biology

Ellsworth B. Cook, B.S.
Robert T. Cossaboom

Chemistry

Oscar P. Cohen, A.M.
Bernard Kopelman, A.M.
Richard B. Martin, A.M.

Economics and Sociology

Clarence L. Barber, A.B.
Frank A. Taylor, A.M.
Louis S. Hurwitz, A.B.

Geography

Louis H. Kostanick, A.B.
John W. Reith, B.S.E.
Gertrude L. McKean, A.M.
Richard F. Logan, A.M.

Geology

Harry H. Cohen

History and International Relations

Edwin S. Costrell, A.M.
Russell H. Fifield, A.M.
Robert M. York, A.M.

Physics

Wallace D. Kilpatrick
Allen S. Dunbar

Psychology and Education

Douglas W. Bray, A.B.
Ivan J. Birrer, A.M.
Carl F. Frost, A.B.

Curator in Dramatic Art

David H. Horne

Florence Chandler Bursar.	18 Downing St.
Lydia P. Colby Recorder.	276 Highland St.
John W. Boardman Superintendent of buildings and grounds.	15 Shirley St.

Administrative Boards and Committees

THE UNIVERSITY FACULTY

The Faculty consists of the President, the Librarian, and all members of the staff giving regular courses of instruction. It has immediate supervision over the general educational work of the University and is responsible for the nomination to the Board of Trustees of candidates for baccalaureate degrees and for honorary degrees.

Secretary of the Faculty, Benjamin S. Merigold.

THE UNIVERSITY SENATE

An advisory board appointed by the President

George H. Blakeslee
Samuel J. Brandenburg
Philip H. Churchman
Loring H. Dodd
Robert S. Illingworth
Clarence F. Jones
Vernon Jones
Homer P. Little
Benjamin S. Merigold

THE GRADUATE BOARD

The Graduate Board consists of the President and representatives of the departments offering advanced graduate instruction. It has general control of the work of the Graduate Division of the University and is responsible for the nomination to the Board of Trustees of candidates for the degrees of Master of Arts and of Doctor of Philosophy.

President Wallace W. Atwood, *ex officio*

George H. Blakeslee
Samuel J. Brandenburg
Jesse L. Bullock
Raymond B. Cattell
W. Elmer Ekblaw
Robert H. Goddard
Hudson Hoagland
Clarence F. Jones
Vernon Jones
Dwight E. Lee
Arthur F. Lucas
James A. Maxwell
Benjamin S. Merigold
David Potter
Samuel Van Valkenburg
H. Donaldson Jordan, *Secretary*

Alternate

Percy M. Roope

THE COLLEGE BOARD

The College Board consists of the President, the Dean of the College, and six members of the Faculty, appointed by the President. It has immediate supervision over the work of the Undergraduate Division, subject to the control of the Faculty, and recommends to the Faculty candidates for the degree of Bachelor of Arts.

President Wallace W. Atwood } *ex officio*
College Dean Homer P. Little }

H. M. Bosshard
F. Eugene Melder
Rudolph F. Nunnemacher
Donald E. Super
Samuel Van Valkenburg
Dwight E. Lee, *Secretary*

THE COMMITTEE ON EXTENSION COURSES AND SPECIAL STUDENTS

The Committee exercises general supervision over "courses of college grade for adults" and over special students including candidates for the degree of Bachelor of Education, and recommends to the Faculty candidates for this degree.

President Wallace W. Atwood, *ex officio*
Philip H. Churchman, *Chairman*
Samuel J. Brandenburg, *Secretary*
H. Earle Johnson
H. M. Bosshard
Homer P. Little
The Director of the Summer School, *ex officio*

THE COMMITTEE ON THE SUMMER SCHOOL

President Wallace W. Atwood, *ex officio*
Director of the Summer School, Robert S. Illingworth
George H. Blakeslee
S. Van Valkenburg
Samuel J. Brandenburg

THE COMMITTEE ON PERSONNEL AND ORGANIZATION

Elected annually to advise the President regarding the personnel and the organization of departments.

Vernon Jones
Dwight E. Lee
Homer P. Little
James A. Maxwell
Benjamin S. Merigold

THE COMMITTEE ON CURRICULUM

President Wallace W. Atwood } *ex officio*
Dean Homer P. Little }
Philip H. Churchman, *Chairman*

Leroy A. Ames	Vernon Jones
Loring H. Dodd	Dwight E. Lee

Samuel J. Brandenburg

STANDING COMMITTEES OF THE GRADUATE BOARD

The President of the University is, *ex officio*, a member of all committees of the Graduate Board.

THE COMMITTEE ON CREDENTIALS

The committee passes upon applications for admission to the graduate division and makes recommendations to the Graduate Board in respect to fellowships and scholarships and candidacy for graduate degrees.

Clarence F. Jones, *Chairman-Secretary*

George H. Blakeslee	Vernon Jones
Samuel J. Brandenburg	Benjamin S. Merigold

THE COMMITTEE ON PROFICIENCY IN FOREIGN LANGUAGES

The committee examines candidates for the degree of Doctor of Philosophy for proficiency in foreign languages.

Philip H. Churchman, Professor of Romance Languages
Heinrich M. Bosshard, Associate Professor of German
A representative of the student's major department.

STANDING COMMITTEES OF THE COLLEGE BOARD

The President of the University and the Dean of the College are, *ex officio*, members of all committees of the College Board.

EXECUTIVE COMMITTEE

Dwight E. Lee, *Secretary*
Donald E. Super

THE COMMITTEE ON ADMISSIONS

Samuel J. Brandenburg
Robert S. Illingworth
Carey E. Melville
Benjamin S. Merigold

COMMITTEE ON DEPARTMENTAL HONORS

Vernon Jones, *Chairman*
Leroy A. Ames
Samuel J. Brandenburg
H. Donaldson Jordan
David Potter
David M. Dougherty

THE COMMITTEE ON ATHLETICS

David Potter, *Chairman*
Arthur F. Lucas
Ernest R. Whitman
James A. Maxwell

COMMITTEE ON STUDENT FINANCES

Guy H. Burnham, *Chairman*
James A. Maxwell
Ernest R. Whitman

COMMITTEE ON SOCIAL AFFAIRS

F. Eugene Melder, *Chairman*
Wallace W. Atwood, Jr.
H. Donaldson Jordan

COMMITTEE ON FRATERNITIES

Dwight E. Lee, *Chairman*
W. Elmer Ekblaw
Arthur F. Lucas

COMMITTEE ON PUBLICATIONS

Leroy A. Ames, *Chairman*
Heinrich M. Bosshard
Percy M. Roope

The University

THE LOCATION

Clark University is located in Worcester, Massachusetts, an industrial and educational center with a population of about two hundred thousand. It is approximately forty miles from Boston and from Providence, R. I., and two hundred miles from New York City.

GROUNDS AND BUILDINGS

The university campus is a tract of eight acres bounded by Main, Woodland, Maywood, and Downing Streets, about a mile and a quarter from the City Hall. Here the principal buildings are located. Besides this tract, the institution owns the athletic grounds between Maywood and Beaver Streets, the athletic field at the corner of Park Avenue and Beaver Street, the land on Woodland Street between Charlotte and Downing Streets, where Estabrook Hall is located, other property opposite the campus on Woodland Street, and the Hadwen Arboretum on Lovell Street. The residences of the president and of the dean of the college are on Woodland Street, opposite the campus.

ORGANIZATION

The University includes:

The Undergraduate Division offering to men a general college course leading to the degree of Bachelor of Arts.

The Graduate Division offering advanced instruction leading to the degrees of Master of Arts and of Doctor of Philosophy.

The Graduate School of Geography offering special training leading to higher degrees in geography.

The Graduate Division of International Affairs offering higher degrees in international affairs.

The Summer School offering both undergraduate and graduate instruction with special reference to candidates for the degrees of Bachelor of Education and Master of Arts.

The Extension Division offering courses at the university in the late afternoon, evenings and on Saturday, with special reference to the needs of candidates for the degree of Bachelor of Education.

THE LIBRARY with its separate endowment, offering unusual opportunities for study and research.

THE CLARK UNIVERSITY PRESS is associated with the university in the publication of scientific books and journals.

THE DEPARTMENTS at present offering courses of study are:

1. Ancient Languages and Literatures
2. Biology
3. Chemistry
4. Economics and Sociology
5. English Language and Literature
6. Fine Arts
7. Geography
8. Geology
9. German Language and Literature
10. History and International Relations
11. Physics and Mathematics
12. Psychology and Education
13. Romance Languages and Literatures

THE ACADEMIC YEAR

The academic year begins on the Monday before the fourth Thursday in September, and ends on Commencement Day, the thirty-eighth Monday (the first or second Monday in June). The first semester ends on the Saturday before the twentieth Monday and the second semester begins on the twentieth Monday of the academic year. There are three recesses during the college year: Thanksgiving Day and the two days following; two weeks including Christmas and New Year's Day; and the first full week in April. University exercises are suspended also on Washington's Birthday, and Memorial Day.

The summer school begins on a Monday near the first of July and continues in session for six weeks.

Students are expected to be present on the first day of each term and to continue in attendance from day to day to the end of the term.

ADMISSION

Three classes of students are admitted:

1. Undergraduates. For requirements see announcement of the Undergraduate Division.

2. Graduate students. For requirements see announcement of the Graduate Division.

3. Special students. (a) Mature persons, not candidates for a degree, who wish to take advantage of the opportunities for study afforded by the university, and who give satisfactory evidence of adequate preparation for the work which they wish to undertake. (b) Candidates for the degree of Bachelor of Education. For requirements see announcement of the Bachelor of Education degree.

Requests for information and for application forms should be addressed to the OFFICE OF THE UNIVERSITY, 950 MAIN STREET, WORCESTER, MASSACHUSETTS.

REGISTRATION

Undergraduates register programs of studies for each semester at a time designated before the end of the preceding semester. Graduate students and special students register on the first day of each semester. The first day of the summer session is devoted to the registration.

Failure to register at the time designated is penalized, in the case of undergraduates, by a charge of one dollar for each day's delay up to a maximum of five dollars.

TUITION AND FEES

TUITION

Tuition for undergraduates and graduate students is $240 per year. In addition each undergraduate will pay an activity fee of $10 per semester, but no gymnasium fee. Graduate students, who use the gymnasium, must pay a fee of $5 each semester. Students, other than undergraduates, who enroll in fewer than four courses are charged at the rate of $30 per course for a semester. A proportionate charge is made for fractional courses. Tuition is payable in two equal installments, due at the beginning of each semester. If the tuition is not paid within ten days after it is due the enrollment of the student lapses. A student whose enrollment has lapsed for non-payment of tuition may be re-enrolled, with the permission of the proper administrative officer on payment of the overdue tuition with an additional fee of $2.

A fee of $10 per semester, in addition to the regular tuition, is charged for the course in Practical Arts given at the Worcester Art Museum.

Tuition in the summer school is $20 for a single course, $35 for two or three courses (a normal program), and $45 for four courses. Tuition may be paid at any time before the opening of the summer school, and must be paid by noon of the first Saturday of the term.

Tuition in extension courses (courses of college grade for adults) is $8 for a course meeting one hour per week for one semester and $15 for a course meeting two hours a week for one semester.

The following regulation was adopted by the trustees at a meeting held March 28, 1931.

"*No refund of tuition and no release of obligation to pay tuition shall be made because of failure for any reason on the part of a student to complete the work of any semester after it is begun.*"

MATRICULATION FEE

A matriculation fee of $5 is required of all students formally enrolled in Clark University. This fee is paid but once, and permits a student to return in successive years, or after a period of absence, without further charge for matriculation.

Students who register for the summer school pay the matriculation fee.

Persons enrolled as "auditors" are not required to matriculate.

Official statements of record are issued by the recorder of the university for matriculated students only.

LABORATORY FEES AND DEPOSITS

Laboratory fees are charged at the rate of $5 each semester for undergraduate laboratory courses.

A deposit of $10 for each course, to cover breakage, is required of students taking undergraduate laboratory work in chemistry. The department notifies the bursar at the end of the year of the total charges against the student for breakage, and any balance remaining is returned. If the deposit is not sufficient to cover the breakage charges, any excess is collected by the bursar.

Graduate students taking undergraduate courses pay the same fees and deposits as undergraduates.

A deposit of $25 is required of each graduate student in the department of chemistry, at the beginning of the year. Ordinary supplies and materials are charged to the student's account at cost. Any balance remaining is refunded at the end of the year.

Laboratory fees and deposits for breakage are due at the time of registration for the courses.

PUBLICATION FEES

Publication fees, $10 for the Master of Arts thesis and $15 for the Doctor of Philosophy dissertation, are due when applications for admission to candidacy are filed.

DIPLOMA FEES

Diploma fees are charged according to the following schedule:

$5, for the Bachelor of Arts or the Bachelor of Education diploma, due at the beginning of the second semester of the year in which the candidate expects to receive the degree.

$10, for the Master of Arts diploma, due when application for admission to candidacy is filed.

$25, for the Doctor of Philosophy diploma, due when application for admission to candidacy is filed.

DINING HALL AND DORMITORY

Board at the dining hall is furnished at a reasonable rate which has varied from year to year. During the current year the charge is $7.50 per week, with *no refunds for absences except in cases of protracted illness.*

Undergraduates who do not live in their own homes are required to board at the dining hall.

Estabrook Hall, the undergraduate dormitory completed in 1924, provides accommodations for about fifty students.

Beginning September 1939, the charges for rooms in Estabrook Hall are as follows:

For all rooms, except those on the mezzanine floor:

Suite of two rooms occupied by two men, $125 per year for each occupant.
Suite of two rooms occupied by one man, $150 per year.
Single room occupied by two men, $110 per year for each occupant.
Single room occupied by one man, $135 per year.

For rooms on the mezzanine floor:

Single room occupied by two men, $115 per year for each occupant.
Single room occupied by one man, $135 per year.

Dormitory room rent is payable either in advance or one-fifth at the beginning of each semester and one-tenth on the first day of November, December, January, March, April and May. Each student is required to deposit $25 before occupying a room. This deposit is returned, less a charge for lights and any charges for damages to the room or its furnishings, when the key to the room is surrendered to the Bursar.

Freshmen not living in their own homes are required to room in Estabrook Hall.

Rooms are assigned to freshmen in order of application, when the application is accompanied by the deposit of $25. Students who indicate a desire to room together will be accommodated whenever possible. Rooms not required for freshmen may be rented by upper classmen or by graduate students.

The university has dormitory accommodations in the "Faculty House" for a small number of graduate students.

OTHER EXPENSES

Students will find that the necessary expenses of living in Worcester are comparable with similar costs in any large city. The total is largely dependent upon the individual's habits and tastes.

Lodgings may be secured at a reasonable cost in private houses within convenient distance from the campus.

The cost of books varies with the programs of study. The University maintains a bookstore where textbooks and supplies may be procured.

FELLOWSHIPS, SCHOLARSHIPS AND LOANS

Fellowships, scholarships and loans or other grants for graduate students are available as stated in the announcement of the graduate division.

Undergraduate scholarships and loans or other grants are available as stated in the announcement of the undergraduate division.

HEALTH AND PHYSICAL TRAINING

The medical director, Doctor Michael B. Fox, exercises general supervision over matters of health and hygiene in the University. For undergraduates a thorough medical examination is required at the beginning and end of each year.

The medical director is available during the academic year for conferences and medical advice. It is intended that his services shall be primarily of a preventive nature. The university does not conduct an infirmary and does not undertake to care for cases of illness requiring medical attention or hospital accommodations, although it will co-operate in every possible way in meeting such emergencies.

The University does not accept responsibility for injuries which may be suffered by students in laboratories or classrooms or elsewhere on university property; or in athletic contests or physical training; or in the course of trips sponsored by the University, either as "field trips" for instructional purposes or in connection with extra-curricular activities.

The director of physical education has supervision over all required physical training and other athletic activities. In the matter of intercollegiate contests he is assisted by the committee on athletics.

The new gymnasium building was completed during 1937–38.

The Library

Edith M. Baker, *Acting Librarian*
Helen J. Elliot, *Cataloguer*

Assistants

Jean Brooks	Eleanor M. Hill
Marion Henderson	Dorothy Holway

Student Assistants

David H. Horne	Donald W. Kuhn

The library, under the terms of Mr. Clark's will, received one quarter of his estate for the "support and maintenance of a university library." Thus the library is well endowed and is able to provide amply for the needs of all departments. It contains over 166,000 bound volumes and pamphlets, and the reading room receives about 600 journals.

A new stack room in the form of a tower has been added to the library, which should provide for fifty years' growth.

Particular attention is paid to the needs of students engaged in research work. The library already possesses a good collection of complete sets of the best scientific periodicals. It makes liberal purchases for individual needs and supplements these by drawing upon the resources of the older and larger libraries through the interlibrary loan system. The number of books added each year is about 3,000 volumes.

The books in the art department are accessible on application to the librarian, but, by the terms of the founder's will, they *cannot* be taken from the building.

All regular privileges of the library are open to all members of the university.

Tuesday and Friday mornings, each week, all books recently added to the library are placed upon a table in the reference section, where they remain for three days. This affords the members of the university an opportunity to examine the new books in all departments before they are placed upon the shelves for circulation.

The library is open from 8 a. m. to 10 p. m. each week day (except on legal holidays), during the regular sessions of the university. During the summer school session the library is open from 8 a. m. to 6 p. m.

ART DEPARTMENT

In his last will and testament the founder of the University bequeathed

> "the sum of $100,000, as an endowment fund for the art department of said university, and said sum is to be held and kept sacred and intact as a principal not to be used or expended under any conditions; but the income, interest or proceeds thereof shall be used only in putting and keeping said works of art or others given or obtained for said department in good condition and in taking care of them; and then if there is a surplus of the income of said fund, I will and direct that it be used in the purchase of additional works of art or of such matters as will add to the usefulness and efficiency of said art department."

Under these conditions a large room has been furnished and equipped on the upper floor of the library building. Upon the death of Mrs. Clark, those works of art of the founder's collection which were deemed most suitable for this purpose were arranged and displayed in this room, together with his most valuable books, which by the conditions of the will cannot be removed from the building. A complete catalogue of these books and paintings has been published in the *Publication of the Library*, Vol. 2, No. 1.

The most recent addition to the collection is a portrait of Louis N. Wilson, librarian of Clark University from 1889 to 1929, by Leopold Seyffert of New York.

The art department is open daily (except Sundays and holidays) from 9 a. m. to 5 p. m.

The Undergraduate Division

"CLARK COLLEGE"

The college offers a general program leading to the degree of Bachelor of Arts. Distinctly vocational or professional programs are not offered.

When the college was established in 1902, a three-year course was adopted as the normal one for the baccalaureate degree. This innovation was due to the emphasis placed upon a three-year course in the will of the founder, based on a conviction that properly prepared students could secure in three years, under favorable conditions, a training essentially equivalent to that ordinarily obtained in a four-year college course. Increasing pressure, both for the admission of high school graduates who could not qualify for the three-year course and for a larger development of extra-curricular activities, led ultimately to the abandonment of the original plan. Beginning with the class which entered in September, 1922, a four-year course became the normal one leading to the degree of Bachelor of Arts. The opportunity to complete the course in three years is still open, as in other colleges, to well prepared and serious students. Only a small number avail themselves of this opportunity.

EXPENSES

A student in the college who lives at the dormitory and takes his meals at the dining hall will find that his necessary expenses for the college year amount to about $660, exclusive of such variable items as cost of travel, clothing and laundry, recreation, etc.

This expense is distributed as follows:

Matriculation (first year only)	$5.00
Tuition	240.00
Room rent	110.00–125.00
Board (34 weeks at $7.50)	255.00
Activity fee	20.00
Laboratory fees (estimated)	10.00
Books and supplies (estimated)	25.00
Total	$660.00–680.00

A room deposit of $25 is required of students who room in the dormitory and a breakage deposit of $10 is required for each laboratory course in chemistry. After deducting charges against these deposits, any balances remaining are returned to the depositors at the end of the academic year. Freshmen pay, in addition, a $2.00 "induction week fee."

A more detailed statement in regard to fees and expenses will be found under the heading TUITION AND FEES.

SCHOLARSHIPS AND STUDENT AID

THE JONAS G. CLARK SCHOLARSHIPS established by the trustees in January, 1925, provide scholarships of the value of one hundred dollars each to fifty undergraduates.* Twenty of these scholarships are reserved for applicants for admission to the freshman class who rank in the upper quarter of their graduating classes in preparatory schools, eight of them being for graduates of the high schools of Worcester. Of the remaining thirty scholarships, ten are reserved for each of the three upper classes, for students who rank in the upper quarter of each class.

These grants are for the encouragement of high grade scholarship. In conformity with this purpose they are subject to the following conditions: (1) one-half the value of a scholarship is deducted from the term bill of the holder at the beginning of each semester; (2) a scholarship is automatically forfeited for the second semester if the holder fails to maintain a rank in the upper half of his class during the first semester.

THE SANFORD MEMORIAL SCHOLARSHIP FUND, established by alumni of the university, provides an annual scholarship, amounting at present to $200, for a student in the college.

THE LIVERMORE AND AMBULANCE SCHOLARSHIP was endowed by citizens of Worcester in honor of Charles Randall Livermore, the first Clark man to fall in battle in the World War, and of his companions in the Clark Unit of Ambulance Drivers. Fifty dollars or more is offered annually, to be awarded on the basis of academic success, character, and usefulness to the college. The scholarship is open to students who are residents of Worcester County.

THE HENRY A. WILLIS FUND provides scholarships for students from Fitchburg, Massachusetts, and vicinity. In the absence of suitable candidates from this community grants may be made to others.

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*Fifteen additional scholarships have been offered in recent years to entering freshmen as a contribution by the University toward the alleviation of the existing conditions of widespread unemployment and reduced incomes.

The Charles B. Randolph Scholarship Fund, established by the late Professor Randolph provides about $300 annually which is available for scholarships for college students whose "major" is a foreign language.

The Gordon A. Hubley Scholarship Fund of approximately $25,000 was bequeathed by Alice B. Hubley in memory of her son, a graduate of the college in the class of 1910. The income is to be used for the assistance of worthy non-graduate students of Clark University who are residents of Worcester. Income from the fund probably will not be available before 1942.

The B'nai Brith Scholarship, provided by the Worcester chapter, Order of B'nai Brith, is primarily but not exclusively for the aid of Jewish students.

The Probus Club of Worcester offers a half tuition scholarship of one hundred dollars.

The Clark University Faculty Women's Club offers a $100 scholarship to an applicant who ranks high in intellectual and personal qualities. The club is assisted by alumnae and wives of alumni. Applications should be addressed to *The Chairman*, *Scholarship Committee*, *Clark University Faculty Women's Club*.

The Clark University Alumnae Association has, for several years, offered a scholarship of one hundred dollars to a freshman.

Applications for undergraduate scholarships should be filed at an early date on blanks which may be secured at the general office. Awards are made by the College Board.

The board expressly reserves the right to award fewer than the full number of scholarships in any year if for any reason this seems advisable.

Aid given in the form of scholarships is not regarded as a loan. It is recognized, however, that those who receive such aid may wish to return the amount in later years. *Any sums received from this source will be added to the* Alumni Loan Fund *of the College.*

LOAN FUNDS

The Alumni Loan Fund is a permanent revolving fund established by the trustees and the alumni. To this has been added a fund of about $500 contributed by L. Kelly Foster, C. B. L. Kelley, Isadore Lubin, H. M. Smith, and others.

The Estabrook Loan Fund was created by the generosity of the late Arthur F. Estabrook of the board of trustees.

Loans from these funds are made to undergraduates by the dean of the college in co-operation with the Alumni Committee on Loans.

THE SARAH M. THURBER LOAN FUND was established by the late Dr. Charles H. Thurber, former president of the Board of Trustees, as a memorial to his mother. The fund is administered by the president of the university.

Loans are covered by endorsed notes payable at a fixed date and bear interest at the rate of 6 per cent per year. Interest received from loans is in all cases added to the fund from which the loan was made.

ADMISSION

Inquiries regarding admission and requests for blank forms should be addressed to the Dean of the College. Application for admission should preferably be made by March 1. *No application received after August 1 can be promised consideration.*

Every admission is an "admission on trial" to the actual work at the college. The university reserves the right to require the withdrawal at any time of any student whose record in either conduct or scholarship fails to meet the expectations implied by his admission.

Application blanks, as well as official transcripts of preparatory school records and certificates of character, should be sent directly to the college by the school officials who sign them.

Special students are not admitted to the college. They may be admitted to the university on the recommendation of a department and under the supervision of the Committee on Extension Courses and Special Students.

ADMISSION TO THE FRESHMAN CLASS

Satisfactory references as to character and the completion of a four-year high school course or its equivalent, including fifteen units of credit in acceptable subjects, are required for admission to the freshman class. A statement of "quality requirements" will be found in the following section.

The term "unit" is understood to mean approximately one quarter of a pupil's normal program of work for the school year.

The "fifteen units of credit in acceptable subjects" must include the "required subjects" (5 units); not less than seven units from the "restricted electives"; and not more than three units from "free electives."

A normal preparatory program will include:

- Required subjects, 5 units
  - English, 3 units (4 years)
  - *Mathematics, 2 units (Algebra and Geometry)
- Restricted electives, 7 or more units (see note 1) chosen from
  - Foreign language, 2, 3 or 4 units (see note 2)
  - Social sciences, 2 or 3 units (see note 3)
  - Natural sciences, 2 or 3 units (see note 4)
  - Mathematics, 1 or 2 units (in addition to required units)
- Free electives, not more than 3 units, at the discretion of the committee on admissions, in "commercial subjects" or other subjects recognized by the preparatory school in its regular program leading to graduation.

NOTE 1. Each of the first three groups of subjects under "restricted electives" must be continued in college.

NOTE 2. The college does not recognize less than 2 units in any foreign language.

NOTE 3. History, Government, Civics, Economics, etc.

NOTE 4. Physics, Chemistry, Biology, etc.

An applicant for admission to the freshman class should supply, on blanks furnished by the college:

1. A signed application for admission which should be forwarded by the principal of the school in which the applicant has prepared for college, after the "Personality Rating Scale" has been completed by a responsible officer of the school. This application should be filed with the Dean at the earliest practicable date.
2. A complete statement of his preparatory school record and of the subjects in which he can be "certified." This should be mailed to the dean by an officer of the school, preferably immediately after the end of the first half of the senior year. *Records received at this time will be returned to the school for final "certification" at the end of the year.* (See statement below in regard to certification.)
3. Records of any entrance examinations which he may have taken and of any action by any other college in respect to admission.

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*Candidates expecting to specialize in science are advised to present at least 3 units of mathematics.

REQUEST FOR APPLICATION BLANKS

Correspondence regarding admission to the college should be addressed to the Dean of the College.

Scholastic ability, character and good health are the chief bases for the selection of those who are admitted.

Applications should be filed at as early a date as is possible, preferably not later than March 1, of the year in which the applicant plans to enter Clark University. *No unduly late application can be promised consideration for the ensuing academic year.*

The detachable form below may be conveniently used in applying for blanks on which a formal application for admission to the college may be filed.

CLARK UNIVERSITY

REQUEST FOR "APPLICATION FOR ADMISSION" BLANKS

Name..
(Last name) (First name) (Middle name)

Home address...

....

Name of parent or guardian...

Address (if different from applicant's)..

Schools attended during past four years	*Dates of attendance*
....	....
....	....
....	....
....	....

Check method of admission (✓): Examination...........; certificate.............; both............

Date...19........ Year of proposed entrance..............

QUALITY REQUIREMENTS

Applicants whose references are satisfactory and who are "certified" in fifteen acceptable units from approved schools will be admitted without conditions.

Applicants who present fourteen "certified" units and one "pass" unit may be admitted with *one condition* (see below); applicants who present thirteen "certified" units and two "pass" units may be admitted with *two conditions*. No applicant will be admitted without at least thirteen acceptable units of "certified" credit, except that the Dean may waive this requirement and admit an applicant who presents fewer than thirteen certified units if his average grade places him in the highest quarter of the class with which he graduates from high school. Admission under this provision will be "with two conditions." A satisfactory record in examinations of the College Entrance Examination Board will be accepted as equivalent to "certification" in any subject.

Certificates are accepted from schools on the list of the New England College Entrance Certificate Board. Schools located in New England but not on this list may apply for "specimen" certification privileges to the secretary of the board, Dean William L. Machmer, Massachusetts State College, Amherst, Mass.

A certificate from a school which lies outside of the jurisdiction of the board may be accepted and will be interpreted in the spirit of the regulations of the board. It will be assumed that the school is willing to be judged, in respect to continued "certification" privilege, on the basis of the college records of the candidates in subjects which are "certified."

ENTRANCE EXAMINATIONS

Applicants who cannot present at least thirteen "certified" units should arrange in consultation with the dean of the college to take "College Board" examinations in June. Information concerning these examinations may be obtained from school officers or by addressing the College Entrance Examination Board at 431 West 117th St., New York City. Applications for examinations must be received by the board before the end of May.

Those who make a satisfactory record in designated examinations may be admitted to the college with or without conditions. The college will determine in each case what constitutes a satisfactory record in the examinations.

A final opportunity to qualify for admission by examination is offered at the college immediately before the opening of the academic year in September. These examinations are conducted by the College Entrance Examination Board, and are intended to supplement those held in June.

ADMISSION WITH CONDITIONS

Conditions may be in specified subjects, or may be general, in the latter case indicating some deficiency in the high school course as a whole. All conditions are terminated at the beginning of the sophomore year either by removal in the manner specified below or by additions to the requirements for graduation.

Applicants who are accepted "with conditions" have an opportunity to free themselves from conditions before enrolling, by satisfactory records in "College Board" examinations.

Conditions are removed if at the end of the freshman year the conditioned student has met the normal scholarship requirements for regular standing, namely, no failures and grades above D+ in three fourths of the total credit earned at that date. Conditions may also be removed by satisfactory records in "College Board" examinations covering the conditioned subjects in June or September following the freshman year.

Applications for examinations in September, for the removal of conditions, should be filed with the recorder not later than the first of July preceding the date of the examinations. The fee for examination must be paid when applications are filed.

Each condition not removed at the beginning of the sophomore year will be replaced by an additional requirement for graduation amounting to one half-course.

ADMISSION TO ADVANCED STANDING

A student who wishes to enter the college after having been enrolled in another institution of college grade is required to submit a letter of honorable dismissal, a complete transcript of his record at the institution last attended and such other information as the Committee on Admissions may request. If he is admitted he will be provisionally assigned to the freshman, sophomore, junior, or senior class and will be permitted to register for a suitable program. He will not be given a final class rating until he has been in residence for at least one semester. After a semester in residence he will be given conditional credit for the work done elsewhere to an amount determined by vote of the College Board, on the recommendation of the recorder and the departments concerned.

The bachelor's degree will not be conferred upon a student until he has spent at least a year in residence at Clark University, and usually not unless the period of residence includes the two semesters immediately preceding the granting of the degree.

FACULTY ADVISERS

When a student is admitted to the college he is assigned to a member of the faculty who will act as his adviser. The adviser will assist the student in making up his program of studies for registration and will be ready at all times to afford him help and counsel, either in regard to problems of college life or other matters. The student should consult with his adviser as soon as possible after the opening of the college year in order to outline his program of studies.

FRESHMAN INDUCTION PERIOD

The freshman class assembles at the college on Friday before the opening of the academic year and spends Friday and Saturday in becoming acquainted with the college, and in completing certain preliminary exercises.

REGISTRATION

Registration of a program of studies for the first semester of each year takes place in the preceding spring. Registration for the second semester takes place before the end of the first semester. Due notice of registration periods is given. Failure to register before the end of the periods designated involves a charge of $1 for each day's delay up to a maximum of $5.

A student's record of attendance begins with the first day of the semester. No credit for attendance is given until registration is completed.

Changes in the registration for the first semester may be made on forms supplied by the Recorder at any time before the end of the second week of the college year, on payment of a fee of $1 for each change. This fee may be remitted for adequate reasons, upon petition to the College Board. During the first week of the second semester changes of courses may be made for sufficient reason with the written approval of the student's adviser and the instructors concerned. After the first week no changes may be made except such as are authorized by special vote of the College Board.

Freshmen may register for programs of either five or six courses in the first semester. In subsequent semesters programs of six courses are restricted to students whose average grade in all courses for the preceding semester has been C+ or better, except in the case of seniors. A senior whose graduation at the end of the year depends upon the completion of a program of six courses may register for such a program in either semester if his average grade for the preceding semester has been C– or better.

The election of a *major subject* is required as part of registration at the beginning of a student's second year in college. This election when once recorded may be changed only with the approval of the dean. Although the *major subject* is not officially regarded as fixed until the student's second year in college, he should plan his course as definitely as possible from the beginning with his probable choice in view.

STUDENT PROGRAMS

The curriculum permits considerable freedom of adjustment to individual differences of interest. Each student's program of studies includes a group of courses constituting a *major*, together with required courses in English and in fine arts or music, also certain courses chosen under regulations intended to insure a reasonable distribution of work among the various departments. A large part of each program is made up of courses chosen without restriction.

For statements as to what particular courses may be combined to form a *major* the announcements of the different departments should be consulted.

Regular students normally carry programs of five courses in addition to the required work in physical training. In general it is expected that a course meeting three times weekly will require two hours of preparation for each lecture or recitation. Laboratory periods are usually three hours in length.

A student carrying the regular program should expect his college work to require from forty-five to fifty hours of his time per week, in addition to the work in physical training.

Candidates for the bachelor's degree in less than four years will generally carry programs of six courses and should expect to spend practically their entire time on their college work.

The subjects in which instruction is offered are grouped in four divisions:

DIVISION A

Biology, Botany, Chemistry, Experimental Psychology, Geology, Mathematics, Meteorology, Physics, Physiology.

DIVISION B

Economics, Education, Geography, History, International Relations, Psychology, Sociology.

DIVISION C

Ancient Languages, English, German, Romance Languages.

DIVISION D

Fine Arts.

First year students must make up their programs entirely from courses designated as "Open to Freshmen."

The program for the freshman year must include:

1. English 11.
2. A course in foreign language.
3. A course in division A.
4. A course in division B.
5. An elective. (Mathematics 10 or 11 for students intending to major in division A.)

Second year students should, as a rule, continue work in foreign language, and complete as many as may be possible of the requirements listed below.

Any first year requirements which have not been completed must be included in the program of courses for the second year.

Undergraduates, other than freshmen, may enter any course listed "primarily for undergraduates," for which, in the judgment of the instructor in charge, they are prepared. Seniors and juniors who have completed the published prerequisites are admitted, at the discretion of the instructor in charge, to courses listed "for graduate students and advanced undergraduates." Undergraduates are not admitted to courses "primarily for graduate students" except in rare cases, and then only by special vote of the College Board and the approval of the secretary of the Graduate Board.

Regular physical exercise is required of all students for the general promotion of their health and mental efficiency. This is scheduled at times which avoid conflict with recitation hours. *Students may be excused from this requirement only on the recommendation of the college physician.*

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

All college regulations involving a quantitative statement of "credit" are expressed in terms of "courses."

A "course" as a unit of credit implies, normally, three or four class meetings or laboratory exercises per week throughout the academic year, i.e., one-fifth of a student's normal program. Where departments offer fractional courses, these will be combined in reckoning a student's total credit in courses.

A student in good standing in the college will be recommended for the degree of Bachelor of Arts, unless in the judgment of the College Board there is cause for withholding this recommendation, whenever he completes all of the following requirements.

1. Not less than three academic years of college study in residence. At least one full year and usually the last year before the degree is conferred must be spent at Clark University.
2. Twenty "courses," in addition to the required work in physical training, with satisfactory scholarship record.
3. Three years of physical training, two hours per week.
4. A *major* of seven courses, four or five of which must be in a "major department." The remaining two or three courses must be taken in subjects related to the major subject. The entire group of seven courses must be approved by the major department as constituting a satisfactory *major*.

   Mathematics is a requirement in the freshman year for students who intend to major in division A. This course may be included in the *major* of seven courses.

   Elementary Greek or Latin is a requirement in the freshman year for students who expect to major in division C, unless at least two units of one of these languages have been accepted for admission. This course may be included in the *major* of seven courses.
5. *English.* (i) English 11, or its equivalent; a requirement in the freshman year for all students.

   (ii) An additional half course in English literature, composition or public speaking.

   (iii) Satisfactory proficiency in the use of English, certified by a faculty committee appointed for this purpose; a requirement for all students before the degree of Bachelor of Arts is conferred.

6. *Fine Arts or Music.* A half course chosen from the following list: Fine Arts 1, 10 or 11; Music 12, 13, 14 or 15; French 113; German 14 or 141; Greek 17.
7. *Foreign language.** (1) One course in foreign language, required in the freshman year for all students.

   (2) One course in a foreign language at or beyond the level of third year college courses in that language; a requirement for all students before the degree of Bachelor of Arts is conferred. This requirement may be met by the course required in the freshman year.
8. *Division A.* Two courses, one of which must be a "laboratory course"; or one "laboratory course" and two half courses.

   This requirement is reduced to one "laboratory course" in the case of students whose admission record includes credit for four units in science (not including mathematics).

   Courses in the history of the sciences may not be counted toward the fulfilment of this requirement.
9. *Division B.* Two courses, or the equivalent in half courses.

GRADING AND SCHOLARSHIP

Courses with grades of D+, D or D– may be counted toward the A.B. degree only up to a maximum of one quarter of total credit required; i.e. not more than five (5) such courses, or their equivalent in fractional courses, may be counted. If some of the twenty courses required for the degree are not graded, then the maximum credit which may be counted with grades of D+, D or D– is limited to one quarter of the total credit from all courses in which grades are given.

CLASSIFICATION OF STUDENTS

Students are classified as freshmen, sophomores, juniors and seniors on the basis of the amount of credit toward the A.B. degree shown by their records at the beginning of each academic year. It is to be noted that this classification involves the question of quality as indicated in the preceding section. Neither length of residence nor number of courses completed without the required quality distribution will change a student's classification.

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*During the present national defense emergency a special provision has been made for meeting this requirement with a program which includes Spanish.

A student who at the beginning of any academic year, has credit of less than two and one half courses is classified as a *freshman* for that year.

A student who, at the beginning of any academic year, has credit of two and one half courses or more, but less than eight courses is classified as a *sophomore* for that year.

A student who, at the beginning of any academic year, has credit of eight courses or more but less than fourteen courses is classified as a *junior* for that year.

A student who, at the beginning of any academic year, has credit of fourteen courses or more is classified as a *senior* for that year.

A student who has announced his intention of becoming a candidate for the degree of Bachelor of Arts in three years and who, at the beginning of his third year has completed not less than two thirds of the twenty courses required for graduation is classified as a *senior* for that year.

Any student who, at the beginning of the second semester, is clearly in a position to complete the requirements for the degree before the beginning of the next academic year is classified as a *senior* for the second semester.

GENERAL HONORS

First honors and *second honors* are awarded annually to those members of each class who have, in the judgment of the College Board, distinguished themselves by their scholarship during the year.

The bachelor's degree is awarded *with honor*, *with high honor*, and *with highest honor* to those members of each graduating class whose records warrant this distinction.

DEPARTMENTAL HONORS

"Honors programs" leading to the degree of *Bachelor of Arts with honors in a particular department* may be undertaken by members of the junior class whose cumulative scholarship averages place them among the highest third of their class. This plan permits an able and ambitious student to organize the work of his junior and senior years into a unified individual program including a certain number of "honors courses," i.e. undertakings which lie outside regular course offerings, and in which the student works with a considerable measure of independence under the general supervision of his "honors adviser."

A candidate for honors in a particular department may file a formal application, in writing, with his major department *not later than the first day of May* in his sophomore year. If the application is favorably endorsed by the department concerned, it comes before the College Board for final action after the sophomore year has been completed. The College Board may at its discretion consider later applications and may admit a student to honors work as late as the end of the first semester of his junior year.

When an applicant has been provisionally accepted by a department for an honors program, he is assigned to a member of the department who acts as "honors adviser." The adviser has supervision of all matters pertaining to the honors program. A program for the student's junior and senior years is prepared in consultation with the adviser. This program may involve independent supervised study replacing work in regular classes to the equivalent of two full "courses." This program is filed with the recorder when the student registers for his first semester as an "honors student."

Admission to candidacy for departmental honors does not relieve a student from any of the standing regulations of the college except as specifically here stated. A candidate for departmental honors will receive the degree of Bachelor of Arts *with honors in his major subject* if he completes the general requirements of the college and in addition thereto:

(a) Maintains a scholarship standing such that his current average (not cumulative) for each semester places him in the upper half of his class.

(b) Completes satisfactorily the program of regular course work and of independent supervised study referred to above.

(c) Makes a satisfactory record in a comprehensive examination in the field of his major subject.

(d) Is recommended for departmental honors by his major department and by the College Board.

The comprehensive examination requires not less than two nor more than three regular three-hour examination periods or their equivalent. At least three hours of this total is devoted to a written examination. The comprehensive examination, with the possible exception of laboratory tests, is given between the spring vacation and May 15 of the candidate's senior year. An honors candidate who has passed the comprehensive examination may, at the discretion of his major department, be excused from some or all of the final examinations *in the courses in his major subject.*

A student's candidacy for honors and all privileges connected with it may be terminated by the College Board at the end of any semester. In such an event the amount of credit to be allowed for work done by the student outside of regular courses is determined by the College Board in consultation with the department.

SCHOLARSHIP SOCIETY

The Clark Scholarship Society was organized in 1914. Its object is, "to maintain a high and broad conception of scholarship; to encourage devotion to scholarship, so conceived; to promote a close relation for mutual benefit between the undergraduate members and the faculty members of the society." Membership in the society is open to members of the faculty. New student members are elected at the end of the junior year from the men of high standing in the junior class. Nominations are made by the College Board and the undergraduate members of the society elect from the men so nominated. Additional nominations are made at the middle and end of the senior year.

ELIGIBILITY FOR EXTRA-CURRICULAR ACTIVITIES

Participation in extra-curricular activities is denied only to those students whose scholarship records indicate that further encroachment upon their time and attention may interfere with the completion of their course of study.

A student is "eligible" for the following half semester if at the end of any half semester he is meeting either of the following conditions:

(a) "Passed" in all courses and graded above D+ in at least one course.

(b) "Passed" in all but one course, and graded above D+ in at least two courses.

Ineligibility becomes effective at the beginning of the eleventh day of the half-semester.

Students carrying less than a full program of studies are ineligible, except in the case of seniors whose programs are adequate to insure their graduation at the end of the academic year.

Students admitted with advanced standing from another college are "ineligible" for the first half-semester of residence at Clark University.

A special student, not being a member of the college or subject to the jurisdiction of the College Board, does not enjoy the privileges of "eligibility." The board may however, in the case of a special student enrolled for five or more courses, authorize participation in college "activities" subject to the eligibility rules.

ABSENCES

Regulations applying to absences from scheduled class meetings and laboratory exercises are based upon the conviction that such absences, regardless of their cause, involve a loss to the student and a drag upon the class. Students are, accordingly, expected to be consistently regular in attendance. Subject to this general provision, students are given a considerable degree of freedom in the control of their attendance. It is expected that such freedom will not be abused, and that it will contribute to the growth of each student's sense of responsibility.

Detailed regulations in harmony with the foregoing principles are posted on the official bulletin board for the guidance of students. They are also published in the Students' Handbook, issued annually by the Clark Christian Association. Students are expected to familiarize themselves with these regulations.

Seniors are exempt from regulations providing a penalty for absences from class or laboratory exercises. They are, however, responsible for all of the regular requirements of any course, including tests and examinations at times set by the instructors in charge.

Sophomores and juniors who attain an average of B– or better in any semester are exempt from all regulations relating to attendance at class meetings or laboratory exercises. They are, of course, responsible for all subject matter presented in class and for all laboratory exercises, quizzes and examinations.

No students are exempted from regulations relating to attendance at the weekly assembly or physical training.

STUDENT LIFE

It has always been the policy of the university to give to its students the greatest possible individual liberty of action. It is assumed that each student will conform to the recognized standards of morality, good order, and gentlemanly conduct, that he will not absent himself unnecessarily from university exercises at which he is due, and that he will give his serious and constant attention to his work as a student.

Undergraduate organizations are under such control as will insure proper caution and recognition of responsibility in business dealings.

The general supervision of intercollegiate athletics is committed to the Athletic Board consisting of the director of physical training, the Committee on Athletics of the College Board, two alumni elected by the Alumni Association, and nine student members. The actions of the Athletic Board are subject to review and veto by the Committee on Athletics.

The non-athletic activities are supervised by the Student-Faculty Council.

Opportunity for relaxation and the meeting of students and faculty on a basis of general sociability is provided by the various clubs in which both students and faculty participate.

Student activities include musical organizations which give a series of concerts in Worcester and elsewhere during the winter; a debating society whose members have made an enviable record for the University in intercollegiate debates; the Gryphon, a senior honor society, and other organizations.

The Clark University Players is an active student organization which presents a number of plays each year under the direction of the Department of English.

The Scarlet, a weekly undergraduate publication, and the *Pasticcio*, the college annual, are published by the students.

THE PERSONNEL BUREAU

VOCATIONAL COUNSELING AND PLACEMENT SERVICE

The Personnel Bureau was established in order that the student personnel services relating to vocational choice, preparation, placement, and adjustment might be centered in one office under the direction of one staff member who co-operates with other faculty members in advising and placing students. Its function is to assemble material (by means of tests, faculty ratings, academic grades, extra-curricular records, and employers' recommendations) which will be of value in diagnosing students' vocational abilities and in guiding future development. The Personnel Bureau therefore assists in administering psychological and vocational tests to entering freshmen, interviews freshmen concerning their vocational plans, and counsels other students concerning vocational matters. It co-operates with the Dean, faculty advisers, and students in the study and solution of students' educational problems. It registers and interviews seniors interested in finding full-time employment after graduation, counsels recent graduates concerning their vocational adjustments, maintains contact with employers in an effort to place graduates in suitable positions, and makes studies of problems pertaining to the vocational adjustment of Clark students. In this work the director of the bureau co-operates with other members of the faculty and with the alumni, and has the assistance of a secretary and of qualified graduate students. The Personnel Bureau operates as a service to employers seeking promising employees and is glad to co-operate with them in referring suitable candidates.

The Graduate Division

GENERAL INFORMATION

Admission to the graduate division is open to properly qualified persons, both men and women.

Instruction and opportunities for original research leading to the degrees of Master of Arts and Doctor of Philosophy are offered by the following departments:

Biology
Chemistry
Economics and Sociology
Geography
History and International Relations
Psychology

The Division of Education of the Department of Psychology and Education offers training leading to the degree of "Master of Arts in Education."

The Division of International Affairs offers work in that field leading to the degrees of Master of Arts and Doctor of Philosophy.

Other departments offer courses of an advanced nature which, with the consent of the Graduate Board, may be included in the programs of graduate students, but are not prepared at present to offer complete programs leading to the higher degrees.

A detailed statement regarding tuition and other fees will be found in the general section of this catalog under the heading THE UNIVERSITY.

LIBRARY FACILITIES

In addition to the library facilities provided by the university, students may avail themselves of the privileges of several other excellent libraries in the city. The Worcester Public Library contains some 333,000 volumes and makes accessible to the public about 500 newspapers and magazines. The library of the American Antiquarian Society, housed in the national headquarters of the society in Worcester, contains about 136,000 volumes and some 202,000 pamphlets. The library of the Worcester District Medical Society is also at the disposal of members of the university.

ADMISSION TO THE GRADUATE SCHOOL

Eligibility. Admission is granted only by the Graduate Board on recommendation of a department. A graduate of more than average ability from a college or university which was on the approved list of the Association of American Universities at the time his bachelor's degree was obtained is eligible for admission as a *regular graduate student.* A graduate of superior attainments from a four-year college not on the list, is normally eligible for admission only as a *special graduate student* for a specified period, not exceeding one academic year. A special graduate student may be admitted by the Graduate Board to regular graduate standing after a semester, or its equivalent, of study in residence and upon the recommendation of his major department.

Application. A prospective applicant should communicate with the department in which he expects to do his major work. If he is encouraged to make application by the department, he will receive the application blanks for admission and should submit them to the chairman of the department with an official transcript of undergraduate work, two letters of recommendation from persons in a position to speak frankly of his qualifications, and a recent photograph (passport size preferred). A photograph is not required of those who have had a personal interview with members of the staff. Any other pertinent information, including published or unpublished theses or other writings, may accompany the application. For most favorable consideration, applications for appointments for the succeeding year should be in the hands of the chairmen of the respective departments by March 1st.

Admission. In granting admission, the Graduate Board may, with the advice of the department, prescribe a minimum period of residence never less than one year, and other definite requirements, including courses in particular subjects, as prerequisites for a graduate degree. Admission to the graduate school does not in any way imply admission to candidacy for a degree. Admission to the graduate school is granted for entry only at the specified time, and lapses if the student fails to enter at that time. If, after an applicant has entered as a regular student, his period of graduate study is broken by more than a year, he must make formal application for re-instatement.

Undergraduates and non-graduate special students in graduate courses. Admission of other than regular or special graduate students to a course "Primarily for Graduate Students" may be authorized by the Secretary of the Graduate Board on formal recommendation in each case by the department in which the course is offered.

SCHOLARSHIPS AND FELLOWSHIPS

The university awards annually a number of scholarships and fellowships.

GENERAL REGULATIONS

1. Scholarships and fellowships (except honorary appointments) are for prospective candidates for the degrees of Master of Arts and Doctor of Philosophy in this university.
2. All applications for fellowships and scholarships shall be presented to the chairman of the Credentials Committee accompanied by an official transcript of record, letters of recommendation, a photograph, and endorsed with the department's recommendation. Applications when complete and properly endorsed will be considered by the Committee on Credentials for recommendation to the Graduate Board. According to an agreement of the Association of American Universities, the elections of fellows and scholars will be communicated on April 1st, but not before, to each member of the Association of American Universities and to each successful candidate.
3. An appointment will become effective when an acceptance in writing is filed with the secretary of the Graduate Board within fifteen days of the date of notification.
4. Scholarships or fellowships are not transferable from one department to another except with the approval of the Graduate Board.
5. A scholar or fellow may not engage during the term of appointment in any occupation that may interfere with his duties as a full-time graduate student unless he obtains permission from the Graduate Board to do so.

SCHOLARSHIPS

Scholarships may be awarded to students of high rank who may be expected to fulfill the requirements for the master's degree in the normal time. These scholarships are valued up to $400 including tuition.

FELLOWSHIPS

Fellowships valued up to $400, including tuition, may be awarded to competent, full-time, regular graduate students who have completed an amount of graduate work equivalent to the requirements for the Master of Arts degree. Fellowships valued up to $500, including tuition, may be awarded to students who give promise of completing their work for the degree of Doctor of Philosophy by the end of the academic year for which the appointments are made.

Some of these fellowships will be designated as *research fellowships or teaching fellowships*, with the consent of the applicant and on the recommendation of the department, in cases where research or teaching assistance in the department is to be a duty of the fellow. Where the research or teaching duties in such fellowship or in an assistantship would prevent a scholar or fellow from carrying a full program of studies during the academic year, he may nevertheless qualify for full-time credit for the year through an adequate summer program of research or reading directed by the major department and approved by the Graduate Board.

HONORARY FELLOWSHIPS

Distinguished visitors may be appointed honorary fellows for specified periods at the discretion of the Graduate Board. Such appointments entitle their holders to all university privileges and carry freedom from tuition charges.

STUDENT AID

Student aid is available from the following funds, with the restrictions noted.

A CITIZEN'S FUND, the income of which is to be used for the aid of "some one or more worthy native born citizens of the City of Worcester who may desire to avail themselves of the advantages of the institution." The benefits of this fund are available to graduate students only.

THE JOHN WHITE FIELD FUND, the income of which is "to provide for the minor needs of a scholar or fellow," has been established by Mrs. Eliza W. Field. The fund amounts to five hundred dollars.

The Eliza D. Dodge Fund is a sum of one thousand dollars, the income only of which is to be expended to aid graduate students of limited means engaged in research work.

LOAN FUNDS

The Sarah M. Thurber Fund. This fund was established by the late Dr. Charles H. Thurber, former President of the Board of Trustees, as a memorial to his mother. The fund is administered by the president of the university. Loans from this fund bear interest at the rate of 6 per cent per annum.

Alumni Loan Funds. Loans from these funds are available on suitably endorsed notes. Applications require the approval of the student's major department, the Committee on Credentials of the Graduate Board, and the chairman of the Alumni Loan Fund Committee.

RULES AND REGULATIONS

LANGUAGE REQUIREMENTS

Requirement in English. A student who wishes to become a candidate for a higher degree during his first year of residence may be required to come before the Committee on Language Examinations before admission to candidacy, for a test of the adequacy of his knowledge of English in respect to speaking, reading and writing.

A candidate for a graduate degree after more than one year of graduate study must satisfy his major department in respect to his knowledge of English.

Foreign Languages. A prospective candidate for the degree of Doctor of Philosophy is advised to prepare himself early for the oral examinations in reading modern languages. French and German are required except in cases where the Graduate Board may authorize the substitution of another language for one of these. A student must take these examinations not later than March first of his first year of residence at Clark University beyond the master's degree. When he is ready for either or both he is to notify the recorder, who will arrange for the examination to be held within two weeks if possible. These examinations are conducted by a committee composed of a representative of one of the modern language departments, and a representative of the student's major department. The committee shall report the results of the examination to the recorder. Additional language requirements may be imposed by the student's major department.

RESIDENCE

A regular year of full-time study or its specified equivalent in residence at Clark University is a prerequisite for any degree. Residence work is broadly defined as regular work at Clark University done under the immediate personal supervision of at least one member of the university faculty. A field trip led by a member of the university faculty who is regularly engaged in graduate instruction is considered as providing an opportunity for work in residence to a maximum extent of nine weeks.

Only the following are recognized as equivalents to a regular academic year:

For the degree of Master of Arts, one full semester of the regular academic year and the equivalent of 18 other weeks on a full-time program of graduate work approved by the major departments; or six sessions of the Clark University Summer School. Under certain clearly defined conditions, five sessions of the summer school may be accepted as the equivalent of a regular year of full time study in residence.

For the degree of Doctor of Philosophy, a sufficient number of courses taken during the regular academic year, even if spread over a number of years.

THE DEGREE OF MASTER OF ARTS

Admission to Candidacy. Regular students who have been admitted to the graduate school without condition, or others who have met any special requirements imposed by the Graduate Board, may, when they have demonstrated their ability to do satisfactory work, be accepted by the Graduate Board as candidates for the degree of Master of Arts. An application for admission to candidacy for the master's degree will be considered by the Graduate Board when the student has:

1. Completed one semester of full-time graduate work or its equivalent in residence at this university;
2. Paid the diploma fee ($10) and publication fee ($10), and
3. Obtained the written endorsement of his major department.

Applications should be filed with the secretary of the Graduate Board not later than the first week of the last full semester which the student expects to spend in residence as a candidate for the degree. Unless extended by action of the Graduate Board, candidacy for the degree of Master of Arts lapses at the end of three years. When candidacy expires without the degree having been awarded the diploma and publication fees, less any expenses incurred, will be returned.

Course requirements. In order to insure that the student may obtain the necessary training, he must meet a minimum course requirement of 18 semester hours in addition to his research work. The subject-distribution of the courses of each candidate must have the approval of the candidate's major department. A candidate for the master's degree who is definitely preparing to teach in secondary schools, may, with the approval of his major department, elect one or two semester courses in education which will count toward the fulfillment of this course requirement.

Examinations. The candidate must make a satisfactory record in such written examinations as may be required by the major department, and in a final oral examination of approximately one hour's duration by a committee of three or more, two of whom shall be members of the Graduate Board. The major department shall make a written report in duplicate, one copy to be delivered to the university recorder and the other to the secretary of the Graduate Board, not later than 9 a. m. of the Friday preceding commencement, stating the ground on which the candidate is recommended for the degree.

Thesis. The candidate must demonstrate that he has a comprehensive knowledge of his field of study and is capable of carrying on, under direction, a satisfactory investigation in that field. He must submit to his major department, by May 15 of the year in which the degree is to be conferred, a thesis on an approved topic and an abstract thereof. The thesis shall be in a prescribed form on prescribed thesis paper (to be obtained from the bursar) and shall have a printed title page (to be obtained from the recorder) that bears the following statement:

> "A thesis submitted to the Faculty of Clark University, Worcester, Massachusetts, in partial fulfillment of the requirements for the degree of Master of Arts in the Department of————————and accepted on the recommendation of
> (Name of Chief Instructor)."

The title page shall be followed by a page (to be obtained from the recorder) giving the academic history of the candidate.

The abstract should not exceed 600 words in length and should bear the written statement,

> "Abstract approved for publication
> (Name of Chief Instructor)."

The thesis and two copies of the abstract, bearing the signature of the chief instructor, shall be delivered to the university recorder not later than 9 a. m. of the Friday preceding commencement.

Additional copies of the thesis or abstract may be required by the major department.

THE DEGREE OF DOCTOR OF PHILOSOPHY

Course of Study. Only such candidates as give evidence of general proficiency, power of investigation and high attainments in the special field in which their major subjects lie will be encouraged to proceed to the degree of Doctor of Philosophy.

A graduate student who expects to proceed to the doctor's degree shall select a major subject of study, and at least one minor subject with the approval of the department in which the major subject lies.

Admission to Candidacy. Applications for admission to candidacy must be filed not later than November first, in any academic year, by students who hope to receive the degree at the end of that academic year.

An application for admission to candidacy for the degree of Doctor of Philosophy will be considered by the Graduate Board when the applicant has:

1. Completed two full academic years of graduate work or its equivalent;
2. Passed examinations in at least two foreign languages. French and German are required except in cases where the Graduate Board may authorize the substitution of another language for one of these;
3. Passed a preliminary examination in his major and minor fields of study;
4. Paid the diploma and publication fees ($25 and $15);
5. Filed with his major department an application for admission to candidacy, stating the subject of his dissertation, and
6. Obtained the endorsement of the application from his major department.

Admission to candidacy for the degree of Doctor of Philosophy shall hold good only for three years from the date of the vote granting admission to candidacy. When candidacy expires without the degree having been awarded, the diploma and publication fees, less any expenses incurred, will be returned.

Dissertation. For the degree of Doctor of Philosophy an indispensable requirement is a dissertation upon an approved subject, to which it must be an original contribution of value.

Not later than May 1, the dissertation, with an abstract not exceeding 1,200 words in length, must be presented to the instructor under whose direction it is written. The dissertation shall be in a prescribed form on prescribed thesis paper (to be obtained from the bursar) and shall have a printed title page (to be obtained from the recorder) that bears the following statement:

> "A dissertation submitted to the Faculty of Clark University, Worcester, Massachusetts, in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the Department of——and accepted on the recommendation of
> (Name of Chief Instructor)."

The title page shall be followed by a page (to be obtained from the recorder) giving the academic history of the candidate.

The abstract should bear the written statement:

> "Abstract approved for publication
> (Name of Chief Instructor)."

The dissertation and abstract must be accepted by the chief instructor before the final examination may be held. In every case the dissertation shall be laid before the examining committee at the time of examination, with the comments of the chief instructor and other readers.

The complete copy and two copies of the abstract of the dissertation, bearing the signature of the chief instructor, shall be delivered by the department to the university recorder not later than 9 a. m. of the Friday preceding commencement. The dissertation and one copy of the abstract will be deposited by the recorder in the library, where they shall remain permanently, not subject to withdrawal.

A second copy of the dissertation, accompanied by a copy of the abstract shall be delivered to the department or the library for loan purposes.

If and when a dissertation is published, five of the printed copies should be presented to the Clark University Library; four copies to be retained by the library and the other to be presented to the Library of Congress for its annual list of American doctoral dissertations printed.

At the final examination the student will be expected to defend his dissertation and, at the discretion of the examining committee, he may be questioned over the entire field of his study. The final examination will be at least a two-hour oral examination. Additional written examinations may be given at the discretion of the department concerned. The oral examination will be held by a committee of at least four members, including the chairman or his duly appointed representative and one other representative of the department in which the candidate has done his major work, one or more representatives of the department or departments in which the candidate has elected his minor subjects, a member of the Graduate Board under whom the candidate has done no work, and such other members of the Graduate Board as care to attend.

The president of the university is authorized to invite any person from within or without the university to be present and to assist in the examination. The committee shall in each case appoint a clerk who shall report the results of the examination to the university recorder.

Each department shall render to the university recorder and to the secretary of the Graduate Board final reports in writing on all candidates for the degree of Doctor of Philosophy not later than 9 a. m. of the Friday preceding commencement.

The Graduate School of Geography

STAFF

Wallace W. Atwood, Ph.D., Professor of Physical and Regional Geography and Director of the Graduate School of Geography.

Clarence F. Jones, Ph.D., Professor of Economic Geography.

W. Elmer Ekblaw, Ph.D., Professor of Geography, Assistant Editor, *Economic Geography*.

Samuel Van Valkenburg, Ph.D., Professor of Climatology and Regional Geography.

Wallace W. Atwood, Jr., Ph.D., Associate Professor of Physiography and Regional Geography.

Guy H. Burnham, A.M., Cartographer.

Erwin Raisz, Ph.D., Visiting Lecturer in Cartography.

Paul Siple, Ph.D., Research Associate.

Burton Adkinson, M.A., Assistant in Instruction.

GENERAL STATEMENT

The Graduate School of Geography gives opportunity to properly qualified students to secure advanced training in geography. The staff is composed of specialists in the various fields of geography. They must of necessity spend a portion of their time in travel and in field studies, but while in residence, they offer regular courses of instruction and direct advanced students in research work. It is not the intention to offer all courses of instruction each year; many of them are given once in two years. Abundant opportunities for instruction are provided, but graduate students are advised not to burden themselves by attending too many lecture courses. They must depend very largely for their growth upon their individual efforts in research, under the direction of members of the staff. The map collection and the libraries offer them unusual facilities for research work in residence, but it is hoped that all graduate students, before completing their university work, may undertake field studies.

The publication of *Economic Geography*, issued quarterly, was begun in 1925.

In the Summer School each year many members of the geography staff offer both elementary and advanced courses. These are acceptable for preparation for graduate work and for meeting the requirements for the degree of Master of Arts.

GEOGRAPHY COURSES FOR COLLEGE STUDENTS

Undergraduates planning to major in geography or to go on into graduate work in geography are urged to consult the geography staff early in their undergraduate course, so that suitable programs may be mapped out including essential courses in related fields.

Students majoring in geography are required to take seven year courses, or the equivalent in year courses and semester courses, in geography and related fields. At least four and not more than five of these courses must be in geography. Required courses in geography are as follows: 10a, 10b—usually taken in the freshman year; 15b, 16a, 181b, 185a—usually taken in the sophomore or junior year.

Additional courses which may be taken to fulfill the requirement in geography are: 26, 12a, 17a, 17b, 18b, and 19b.

Courses in related fields, offered towards a major in geography must include Geology 12 and one or more additional courses selected from the following list: Biology 11, 14, Physics 11, Economics 11, History 18.

Students majoring in geography, may by special permission, elect in their third and fourth years advanced courses offered in the Graduate School of Geography.

GRADUATE WORK IN THE SCHOOL OF GEOGRAPHY

The Graduate School of Geography is open to any who wish to receive professional training in geography, and who are qualified to enter the graduate division of the university and take advanced work in geography. The undergraduate preparation for advanced work is indicated by the above college program.

The degrees of Master of Arts and Doctor of Philosophy are conferred. For the master's degree two years may be required for those whose preparation is considered to be insufficient to permit them to qualify in the minimum time.

The following courses in other departments should be of interest to students in geography: botany (Biol. 14); economic history (Ec. 14); economic statistics (Ec. 16); international trade and international finance (Ec. 27a); international economic policies (Ec. 31); The Pacific and the Far East (Hist. 22); Latin America (Hist. 27).

All prospective candidates for graduate degrees in geography who are in residence will be expected to attend the field camp for three weeks each autumn, and during the year to take part in the seminar.

Formal course work in geography ends in midwinter on January 15, and in spring on May 1, leaving students free to read and to coördinate their work prior to the examination periods.

Candidates for the master's degree in geography may be expected to pass written examinations and a general oral examination in the following fields: physiography, climatology, soils and land utilization, plant geography, economic geography, human geography and anthropogeography, regional geography, and political geography.

Candidates for the doctor's degree in geography will be expected to pass more advanced written examinations, and a general oral examination including the broad foundation required for the master's degree and such more advanced studies as the candidate may have pursued in the fields of his particular interests. In general, a year of work beyond the master's degree should prepare a candidate for his general examination which is preliminary to his being accepted as a candidate for the Ph.D. degree and to his entering on concentrated work for his Ph.D. dissertation. This year of course work may well include, besides certain advanced courses in geography, related advanced studies in history and international relations, economics, or biology. The student is given much freedom of choice. By March 1 of the year prior to the final one for the doctorate a prospective candidate for the doctorate will be expected to show a reading knowledge of German and French.* These two foreign languages are the most important for American geographers.

STUDENTS' FEES

All geography students in residence must meet the camp fee, the workroom fee, and a classroom materials fee.

The camp fee covers board and lodging, transportation, maps, drafting supplies, and meteorological instruments from the time the party leaves Worcester to go to camp till it returns at the end of the three weeks' period. The fee is $75, payable October 1 to the camp treasurer. The tuition fee for students participating in the field course only is $25.

The workroom fee is assessed to help maintain the geography workroom and equipment used by graduate students. It applies to the alcove desk, files of maps, the card catalog, drafting tables and instruments. There are also adding and computing machines. The workroom fee is $5 a semester, payable November 1 and March 1, to the departmental stenographer.

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*While German and French will normally be the two languages required, an exception might be made in a case where the dissertation for the doctorate demands a comprehensive knowledge of Spanish.

The classroom materials fee is for mimeographed outlines, abstracts, summaries, chapters of theses in the various courses and in the seminar and for the maintenance in part of the classroom wall-maps and other equipment, and for the small expense of balloons and hydrogen and of some meteorological instruments. The classroom materials fee is $5 each semester, payable November 1 and March 1, to the departmental stenographer.

COURSES IN GEOGRAPHY

(AND IN RELATED SUBJECTS)

1. PRIMARILY FOR UNDERGRADUATES

10a. The Principles of Geography. An introduction to the principles of geography.

Half course, first semester. M. W. F., 10. MR. ATWOOD, JR.

10b. Introduction to Regional Geography.

Open to freshmen.

Half course, second semester. M. W. F., 10.

MR. VAN VALKENBURG

15b. Conservation of Natural Resources.

Half course, second semester. M. W. F., 11. MR. ATWOOD, JR.

181b. Geography of North America.

Open to freshmen.

Half course, second semester. M. W. F., 11. MR. ATWOOD, JR.

Omitted, 1940–41.

185a. Geography of Europe.

Half course, first semester. M. W. F., 11.

Omitted, 1940–41. MR. VAN VALKENBURG

Geology 12. General Geology. MR. LITTLE

12b. Weather and Climate.

Half course, second semester. T. Th. S., 8. MR. ADKINSON

13. Geography of National Defense.

Through the year. M. W. F., 8.

THE STAFF OF THE DEPARTMENT

14. Physiographic Regions of the World.
Through the year. MR. ATWOOD, JR.
Omitted, 1940–41.

Biology 14. General Botany. MR. POTTER

16a. Political Geography.
Half course, first semester. M. W. F., 11.
MR. VAN VALKENBURG

17a. Geography of Worcester and Vicinity. A field and laboratory course. Prerequisites, Geography 10a and 10b and Geology 12, or equivalent.
Half course, first semester. MR. ATWOOD, JR.

17b. Geography of New England. Prerequisites, Geography 10a and Geology 12.
Half course, second semester. MR. ATWOOD, JR.

18b. Regional Physiography of North America. Prerequisite, Geology 12, or 9 hours of geography.
Half course, second semester. MR. ATWOOD, JR.
Omitted, 1940–41.

19b. Studies in Regional Physiography. Prerequisite, Geology 12, or Geography 10 (a and b).
Half course, second semester. MR. ATWOOD, JR.
Omitted, 1940–41.

Geology 121a. Mineralogy. MR. LITTLE

Geology 122b. Economic Geology. MR. LITTLE

2. FOR GRADUATE STUDENTS AND ADVANCED UNDERGRADUATES

26. Economic Geography. Prerequisites, Geography 10a, 10b, 12b, and Geology 12.
Three hours, through the year. T. Th. S., 9. MR. JONES

201b. Geography of Asia.
Two hours, second semester. T. Th., 10.
MR. VAN VALKENBURG

202a. Political Geography.
Two hours, first semester. T. Th., 10. MR. VAN VALKENBURG

290a. Cartography and Graphics.
One hour, first semester.
Omitted, 1940–41. PRESIDENT ATWOOD AND MR. BURNHAM

290b. Cartography.
Th., 2. MR. RAISZ

3. EXCLUSIVELY FOR GRADUATE STUDENTS

30. Seminar.
Hours to be arranged. STAFF

31. Regional Physiography. Prerequisite, Geology 12, or equivalent in physiography.
Two hours of lectures and two hours of laboratory weekly.
T. Th., 11. MR. ATWOOD, JR.

32. Regional Climatology. Prerequisite, Geography 12b or equivalent.
Two hours, through the year. M. W., 9.
MR. VAN VALKENBURG

33a. Soil Geography.
Two hours, first semester. M. W., 10. MR. EKBLAW

33b. Land Utilization and Planning.
Two hours, second semester. M. W., 10. MR. EKBLAW

34a. Plant Geography.
Two hours, first semester. M. W., 10. MR. EKBLAW
Omitted, 1940–41.

34b. Plant Regions. Prerequisite, Geography 34a.
Two hours, second semester. M. W., 10. MR. EKBLAW
Omitted, 1940–41.

300. Problems in Geography.
Tuesdays at 3:30 PRESIDENT ATWOOD

301. Seminar for Ph.D. candidates.
F., 2. THE STAFF OF THE DEPARTMENT

310. Research in Regional Physiography.
PRESIDENT ATWOOD

320. Research in Climatology. MR. VAN VALKENBURG

330. Research in Soils. MR. EKBLAW

340. Research in Plant Geography. Mr. Ekblaw

350. Research in Agricultural Geography or Land Utilization. Mr. Ekblaw

360. Research in Industrial or Commercial Geography. Mr. Jones

370. Research in Human Geography. Mr. Ekblaw

380. Research in Regional Geography.
One or more members of the Staff

36b. Industrial Geography. Prerequisite, Geography 26.
Two hours, second semester. M. W., 2. Mr. Jones
Omitted, 1940–41.

362a. Geographic Aspects of United States Foreign Trade.
Two hours, first semester. M. W., 9. Mr. Jones
Omitted, 1940–41.

37. Human Geography. Prerequisites, 9 hours of geography or history and permission of the instructor.
Two hours, through the year. M. W., 2. Mr. Ekblaw

375a. Geography of Europe.
Two hours, first semester. T. Th., 10. Mr. Van Valkenburg
Omitted, 1940–41.

383b. Caribbean America.
Three hours, second semester. M. W. F., 11. Mr. Jones

384a. South America.
Three hours, first semester. M. W. F., 11. Mr. Jones

History 22. The Pacific and the Far East.

394a. Field Methods and Studies. Three weeks at the opening of the school year. Connecticut Valley, 1925 to 1930 inclusive; Cape Cod, 1931; Connecticut Valley, 1932 and 1933; Blackstone Valley, 1935; upper Housatonic Valley, 1936; Central Highlands of Massachusetts, 1937; omitted in 1938 because of hurricane; lower Merrimac Valley, 1939; Connecticut Valley, Springfield region, 1940.

Required each year of all candidates for graduate degrees in geography.

The Graduate Division of International Affairs

GEOGRAPHY, DIPLOMACY, ECONOMICS

STAFF

WALLACE W. ATWOOD, President of the University and Director of the Graduate School of Geography.

GEORGE H. BLAKESLEE, Professor of History and International Relations.

SAMUEL J. BRANDENBURG, Professor of Economics and Sociology.

CLARENCE F. JONES, Professor of Economic Geography.

SAMUEL VAN VALKENBURG, Professor of Climatology and Regional Geography.

JAMES A. MAXWELL, Professor of Economics.

ARTHUR F. LUCAS, Professor of Economics and Sociology.

DWIGHT E. LEE, Professor of Modern European History.

H. DONALDSON JORDAN, Professor of English History.

DIVISIONAL COMMITTEE

GEORGE H. BLAKESLEE, *Chairman*
SAMUEL J. BRANDENBURG
SAMUEL VAN VALKENBURG

GENERAL STATEMENT

To meet a demand for graduate work which will be devoted entirely to the general field of international affairs and which will include courses from a number of existing departments, the Graduate Board has authorized the departments of geography, history and international relations, and economics and sociology to establish the Graduate Division of International Affairs. This division groups together appropriate courses and seminars in geography, diplomacy, and economics in order to prepare graduate students for the United States foreign service, college and university professorships in international affairs, posts in corporations and banks doing foreign business, and research and administrative positions in the field of world affairs. The courses include offerings in political, regional and economic geography; foreign trade, commerce, and finance; international law; modern and diplomatic history of Europe, Asia, and Latin America; and the foreign policy and international relations of the United States.

THE M.A. DEGREE

Qualified graduate students, including those now registered in any one of the three co-operating departments, may apply for permission to take work leading to the Master of Arts degree in international affairs. The general regulations of the University for the Master of Arts degree will apply to this degree. In addition, the Divisional Committee will pass upon the adequacy of each candidate's preparation and on the list of courses submitted for the degree.

A knowledge of the fundamentals of political and economic geography, economics, and international relations will be required of each candidate, whether or not courses in these subjects are taken during the period in residence for the degree. Each candidate must present courses from at least two of the co-operating departments.

THE PH.D. DEGREE

Candidates for the degree of Doctor of Philosophy in the Division of International Affairs must meet all general requirements of the University for this degree. The six fields presented for the preliminary doctoral examination must be approved by the Divisional Committee. One field at least must be chosen from each of the three departments, and no more than three fields may be taken in any one department.

THESES

Subjects selected for theses in the Division of International Affairs must deal with some aspect of international affairs and receive the approval of the Divisional Committee. Each thesis will be written under the supervision of the member of the staff within whose special field the research lies.

SCHOLARSHIPS AND FELLOWSHIPS

A limited number of graduate scholarships and fellowships are available for students of high rank who apply for admission to the Division of International Affairs.

ADMISSION

A student who wishes to enter the Division of International Affairs and undertake a plan of study leading to a degree should communicate with some member of the Divisional Committee.

COURSES WHICH MAY BE TAKEN FOR CREDIT IN THE DIVISION OF INTERNATIONAL AFFAIRS

(Descriptions of these courses are given in the announcements of the respective departments.)

GEOGRAPHY

Geography 26. Economic Geography.
Offered every year. MR. JONES

Geography 384a. South America.
Offered every year. MR. JONES

Geography 383b. Caribbean America.
Offered every year. MR. JONES

Geography 202a. Political Geography.
Offered every year. MR. VAN VALKENBURG

Geography 375a. Europe.
Omitted, 1940–41. To be offered in 1941–42.
MR. VAN VALKENBURG

Geography 201b. Asia.
To be omitted 1941–42. MR. VAN VALKENBURG

Geography 360. Research in Economic Geography.
MR. JONES

Geography 390. Research in Political Geography.
MR. VAN VALKENBURG

Geography 380. Research in Regional Geography.
MESSRS. JONES AND VAN VALKENBURG

HISTORY AND INTERNATIONAL RELATIONS

History 18. A Survey of International Relations.
To be omitted, 1941–42. MR. BLAKESLEE

History 21a. England in Two Wars, 1914–1918 and 1939–1940.
To be omitted, 1941–42. MR. JORDAN

History 22. The Pacific and the Far East.
To be offered in 1941–42. MR. BLAKESLEE

History 231. International Law.
Omitted, 1940–41. To be offered in 1941–42. MR. BLAKESLEE

History 25a. Recent History of the British Empire.
Omitted, 1940–41. To be offered in 1941–42. MR. JORDAN

History 27a. Conflicts of Modern Political Thought.
To be offered in 1941–42. MR. JORDAN

History 28. History of the British Empire.
To be omitted, 1941–42. MR. JORDAN

History 29b. Russia.
Omitted, 1940–41. MR. D. E. LEE

History 33. Foreign Relations of the United States.
To be offered in 1941–42. MR. BLAKESLEE

History 35b. British India.
Omitted, 1940–41. To be offered in 1941–42. MR. JORDAN

History 331. European International Relations Since 1870.
To be offered in 1941–42, as History 232. MR. D. E. LEE

History 38a. European International Relations Since 1930.
Omitted, 1940–41. To be offered in 1941–42. MR. D. E. LEE

History 351. Research in the International Relations of the United States. MR. BLAKESLEE

History 352. Research in the International Relations of the Pacific and the Far East. MR. BLAKESLEE

History 353. Research in the History and International Relations of the British Empire. MR. JORDAN

History 354. Research in the History and International Relations of Continental Europe. MR. D. E. LEE

ECONOMICS AND SOCIOLOGY

Economics 13. Money and Banking.
To be offered in 1941–42. Mr. Maxwell

Economics 27a. International Trade: Theory and Finance.
To be offered in 1941–42. Mr. Lucas

Economics 211b. Contemporary Economic Systems.
To be omitted in 1941–42. Mr. Brandenburg

Economics 31. International Economic Policies.
Offered every year. Mr. Brandenburg

The Summer School

OFFICERS OF INSTRUCTION AND ADMINISTRATION

WALLACE WALTER ATWOOD, PH.D.
President of Clark University and Director of the Graduate School of Geography, Clark University.

ROBERT S. ILLINGWORTH, A.M., ED.M. Director of the Summer School, Professor of Dramatic Art, and Alumni Secretary, Clark University.	English and Dramatics
WALTER ELMER EKBLAW, PH.D. Professor of Geography, Clark University.	Geography
SAMUEL VAN VALKENBURG, PH.D. Professor of Geography, Clark University.	Geography
GUY H. BURNHAM, A.M. Cartographer, Clark University.	Cartography
DWIGHT ERWIN LEE, PH.D. Professor of Modern European History, Clark University.	History
F. EUGENE MELDER, PH.D. Assistant Professor of Economics, Clark University.	Economics and Sociology
VERNON JONES, PH.D. Professor of Educational Psychology, Clark University.	Education
DAVID POTTER, PH.D. Professor of Biology, Clark University.	Biology and Botany
DAVID MITCHELL DOUGHERTY, PH. D. Associate Professor of Romance Languages, Clark University.	French and Spanish
HEINRICH MORANT BOSSHARD, PH.D. Associate Professor of German, Clark University.	German
LYDIA P. COLBY	Recorder
FLORENCE CHANDLER	Bursar

The session of 1941 will begin June 30 and end August 8.

Instruction will be offered in geography, history, education, economics and sociology, English and dramatics, French, German, biology and botany.

Qualified students are admitted upon presentation of proper credentials. Both undergraduate and graduate work is offered.

Work done in the summer school may be counted, subject to the regulations of the college and the graduate school and of the faculty of the university, toward fulfillment of the requirements for the degrees of Bachelor of Arts, Bachelor of Education, and Master of Arts. Unless otherwise announced, each course is intended to be the equivalent of a course meeting two hours per week throughout a semester and is credited, when accepted toward the fulfillment of the requirements for a bachelor's degree in this university, for two semester hours.

The tuition charges are twenty dollars for a single course meeting five times a week, thirty-five dollars for two or three courses, and forty-five dollars for four courses. Rooms in the vicinity of the university cost from three dollars a week up, and board may be obtained at a reasonable rate.

The Summer School Bulletin, published about March 1, contains detailed information about the coming session with descriptions of the various courses, and may be had upon application to the Director of the Summer School, Clark University, Worcester, Mass.

The names of the students who attended the Summer School in 1940 will be found in the register at the end of this catalogue.

LIST OF COURSES

The starred courses (*) are those definitely intended, by the instructor concerned, for students who are candidates for the degree of Master of Arts or of Master of Arts in Education in Clark University. These courses are not restricted to such students, and their acceptance as part of a program leading to the master's degree is subject to the approval of the student's major department and of the Graduate Board.

GEOGRAPHY

***SS27a. Human Geography.** DR. W. ELMER EKBLAW

***SS201. Geography of North America.** DR. W. ELMER EKBLAW

*SS213 **The Geography of National Defense.**
DR. SAMUEL VAN VALKENBURG

*SS285. **The Geography of Europe.**
DR. SAMUEL VAN VALKENBURG

SS190. **The Earth as a Planet.** MR. GUY H. BURNHAM

SS191. **Maps, Charts and Graphs: Their Construction and Interpretation.** MR. GUY H. BURNHAM

*SS30. **Seminar in Geography.**
DRS. EKBLAW AND VAN VALKENBURG

*SS34. **Research in Geography.**
DRS. EKBLAW AND VAN VALKENBURG

HISTORY

SS110. **Survey of International Relations.**
DR. DWIGHT E. LEE

*SS222. **Causes and Course of the Present European War.** DR. DWIGHT E. LEE

*SS354. **Research in the History and International Relations of Europe.** DR. DWIGHT E. LEE

ECONOMICS AND SOCIOLOGY

SS10. **Social Problems.** DR. F. EUGENE MELDER

*SS240. **Consumer Education.** DR. F. EUGENE MELDER

*SS32. **Research in Selected Social and Economic Problems.** DR. F. EUGENE MELDER

ENGLISH AND DRAMATICS

SS140. **Appreciation of Literature.**
PROF. ROBERT S. ILLINGWORTH

SS126. **Modern Continental Drama**
PROF. ROBERT S. ILLINGWORTH

SS5. **Stagecraft.** PROF. ROBERT S. ILLINGWORTH

SS2. **Public Speaking.** PROF. ROBERT S. ILLINGWORTH

EDUCATION

***SS211. Educational and Vocational Guidance.**
DR. VERNON JONES

***SS206. Educational Adjustment of the Adolescent.**
DR. VERNON JONES

BIOLOGY AND BOTANY

SS16. Field Biology.	DR. DAVID POTTER
SS18. Methods in Teaching Biology.	DR. DAVID POTTER
***SS300. Research in Biology.**	DR. DAVID POTTER

FRENCH AND SPANISH

French SS11. Introductory Course for Beginners in French.
DR. DAVID DOUGHERTY

French SS12. Intermediate Course in French.
DR. DAVID DOUGHERTY

Spanish SS11. Introductory Course for Beginners in Spanish.
DR. DAVID DOUGHERTY

GERMAN

SS1. Elements of German.	DR. HEINRICH M. BOSSHARD
SS2. Review and Easy Prose.	DR. HEINRICH M. BOSSHARD
SS3. Reading of Expository Prose.	DR. HEINRICH M. BOSSHARD

The Degree of Bachelor of Education

The degree of Bachelor of Education is offered to teachers, both men and women, who have completed a two-year normal school course, or its equivalent, and who have had at least one year of experience in teaching. Candidates for this degree are under the direction of the Committee on Extension Courses and Special Students.

The degree is awarded on the satisfactory completion of a program of studies aggregating slightly more than the equivalent of two years of regular college work, in addition to the normal school course. Candidates for the degree may earn the necessary credit in summer school, in extension courses ("Courses of College Grade for Adults"), and in regular college courses. A minimum of thirty (30) semester hours must be earned in residence at Clark University. All or part of the balance may be earned elsewhere, *subject to approval in advance by the Committee on Extension Courses and Special Students or its authorized representative.* A series of courses designated as "COURSES OF COLLEGE GRADE FOR ADULTS" is offered each semester at the university to meet the needs of candidates for the degree of Bachelor of Education. Study outside of regular classes conducted under the auspices of a recognized institution of college grade cannot be accepted for "credit," though such study may be the basis of relief from requirements in particular subjects.

A teacher in active service may normally earn a maximum of four semester hours of credit in each semester of the academic year and six* hours in a six-week summer school. Men who are candidates for the degree may enroll in regular college classes. *Women are not admitted to college classes at Clark University.*

The program leading to the degree includes requirements in English, foreign language, laboratory science, social science and education.

RULES AND REGULATIONS

The more important rules affecting candidates for the degree of Bachelor of Education are as follows:

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*Full credit will not be given when a student enters a summer school after the first week of the session nor when changes of program are made after the first week of the session.

It is impossible to cover explicitly, by rule, all situations which may arise in the absence of a fixed curriculum and with the possibility that credit toward the degree may be obtained from a variety of sources. The committee is guided by the general purpose to maintain a reasonable standard, involving suitable choice of courses and satisfactory performance in them.

1. ADMISSION. Only those who have completed a two-year normal school course or the equivalent may be admitted to candidacy for the degree of Bachelor of Education.

An application for admission to candidacy must be made in writing on a form which may be obtained from the university recorder. An application should be accompanied by evidence of graduation from a standard high school and an *official* record of all study by the applicant in normal school and college.

Applicants are notified in writing of action on their applications. Such notice in the case of those accepted includes a statement of "credit" allowed on records submitted, and of any special requirements.

2. A MATRICULATION FEE of $5 must be paid for the purpose of opening an official record of credit in the office of the university recorder.

3. "CREDIT" FROM OTHER INSTITUTIONS.
   a. Credit of 54 semester hours will normally be given for the completion of a standard two-year course in a normal school or teachers college. Less than this may be granted at the discretion of the committee in charge of this work. Additional credit may be allowed for more than two years' work at a normal school or college, and for suitable work in extension courses or in summer schools. The total credit from other institutions cannot exceed 90 semester hours.
   b. After admission to candidacy credit may be allowed for courses taken at approved universities, colleges, or normal schools, provided such courses are authorized in advance. In exceptional cases the committee may authorize credit for such courses taken without previous approval, but under no circumstances in excess of 75% of the face value of such courses.
   c. Not more than thirty hours of credit may be allowed for home study courses and extension courses taken with

outside institutions. Such work is accepted from only a limited number of sources. This thirty-hour limit applies to the combined total of home study and "extension" courses.

4. REQUIREMENTS FOR THE DEGREE.
   - a. 120 semester hours of college credit, including advanced standing granted at the time of admission to candidacy.
   - b. At least 30 semester hours of credit earned *in residence* at Clark University. (Included in the total of 120 semester hours.)
   - c. At least one year's teaching experience.
   - d. Requirements in particular subjects:
     - (i) Six semester hours in psychology or education, taken after the completion of the two-year normal school course or its equivalent.
     - (ii) Six semester hours of laboratory science, taken after the completion of the two-year normal school course or its equivalent.
     - (iii) Ten semester hours of English, which may be taken in whole or in part in the normal school course.
     - (iv) Twelve semester hours in any *one* foreign language, which may be completed in whole or in part elsewhere than at Clark University. Evidence of the completion of this requirement may be supplied in the following ways: 1. by securing credit in course toward the degree for the twelve semester hours required; 2. by securing credit in course toward the degree for at least the last four semester hours normally required to complete the twelve hour requirement; 3. by passing satisfactorily an examination set by Clark University.
     - (v) Twelve semester hours of economics, geography, government, history, or sociology, at least six of which must be taken after the completion of the two-year normal school course or its equivalent.

NOTE:—Prospective candidates are urged to complete formal enrollment in time to complete at least 30 semester hours of credit toward the degree after admission to candidacy, in order that they may benefit by advice as to requirements and wise selection of courses.

5. Standard of Scholarship. A grade better than D+ is required in three-fourths of all credit accepted toward the completion of the requirements for the degree.

6. Lapse of Candidacy. Candidacy for the degree terminates automatically whenever for a period of two years or more a candidate has failed to complete any courses in Clark University yielding credit toward the degree. A candidacy terminated under this rule may be renewed by action of the committee. Such renewal may involve a revision of allowances previously made, both in respect to total credit and requirements in particular subjects.

7. Diploma Fee. The diploma fee (five dollars) should be paid to the Bursar not later than the beginning of the semester or summer session in which the requirements for the degree will be completed.

SPECIAL COURSES FOR TEACHERS

With the needs of candidates for the degree of Bachelor of Education in mind, the university offers a series of college courses for adults designed both in respect to content and time of meeting for teachers in the public schools of Worcester and the surrounding region. These courses are also open to the general public. When occasion arises the subject of aims and methods of teaching is treated in some of these courses.

During the academic year 1940–41, the following courses have been offered:

BIOLOGY

1. **General Biology.**	Mr. Potter
2. **Animal and Plant Life.**	Mr. Potter
3. **Machinery of the Body.**	Mr. Nunnemacher
4. **Birds and Their Relationship to Man.**	Mr. Nunnemacher

EDUCATION

1. **Aptitude Testing and Guidance.**	Mr. V. Jones

ENGLISH

1. **Contemporary Literature.**	Mr. Illingworth

FRENCH

1. **Foundations of Oral and Written French.** Mr. Leland Atwood
2. **The Reading Approach to French.** Mr. Churchman
3. **Introduction to French Civilization.** Mr. Dougherty

GEOGRAPHY

1. **Scandinavian Backgrounds.** Mr. Ekblaw
2. **Scandinavian Culture.** Mr. Ekblaw
3. **Geographic Interpretation of Current Events.** Messrs. Jones and Van Valkenburg

GERMAN

1. **European Classics in Translation.** Mr. Jantz

HISTORY

1. **The United States in the 20th Century.** Mr. G. A. Lee

MUSIC

1. **Introduction to Music.** Mr. Johnson
2. **The Opera.** Mr. Johnson

PSYCHOLOGY

1. **Introduction to Psychology.** Mr. Brown
2. **Psychology of Vocational Adjustment.** Mr. Super
3. **Dynamics of Human Behavior.** Dr. Barton and Mr. Rosenzweig

Departmental Announcements

The unit of instruction for undergraduates is a "course." A "course" normally meets for classroom or laboratory exercises three or four times weekly throughout the year and constitutes one-fifth of a normal program for an undergraduate. A "half course" normally meets with the same frequency throughout one semester. Classes meeting twice weekly normally yield credit for one-third of a course in each semester.

Each unit of undergraduate instruction as listed below constitutes one "course" unless its value as a fractional course or a multiple course is indicated.

Advanced courses, not primarily for undergraduates, are announced with a statement of the number of weekly meetings. Undergraduates who are permitted to enroll in such courses should carefully check with the recorder to avoid any misunderstanding in regard to the equivalent number of "courses" represented by their programs.

Courses offered by the several departments are listed under three headings:

1. Primarily for Undergraduates, designated by numbers beginning with the figure (1).

2. For Graduate Students and Advanced Undergraduates, designated by numbers beginning with the figure (2).

3. Primarily for Graduate Students, designated by numbers beginning with the figure (3).

Credit for the first semester alone is given in all courses except in cases where a department, by a note following the description of the course, specifically reserves the right to withhold credit until the second semester of the course is satisfactorily completed.

Any course may be entered at the beginning of the second semester, with the consent of the instructor, by students who are prepared to take up the work of the course at that time.

DEPARTMENT OF ANCIENT LANGUAGES

Professor Brackett

COURSES IN GREEK

11. First Year Course. Indivisible course.
Open to freshmen.
Through the year. M. W. F., 10. Mr. Brackett

12. Xenophon, *Anabasis;* **Homer,** *Iliad.* About ten weeks at the beginning of the year are devoted to reading selections from the *Anabasis*, the principal aim being to increase the student's facility in translation. The remainder of the year is devoted to the *Iliad.*
Open to freshmen.
Through the year. M. W. F., 11. MR. BRACKETT
Omitted, 1940–41.

13. The Greek Drama. Aeschylus, *Prometheus Bound;* Sophocles, *Antigone;* Euripedes, *Medea.*
Through the year. MR. BRACKETT
Omitted, 1940–41.

16a. Greek Tragedy in English. Plays of Aeschylus.
Half course, first semester. M. W. F., 9. MR. BRACKETT
Omitted, 1940–41.

17. Greek Civilization. This course will cover the period from the beginnings of Greek history to 146 B.C.
Open to freshmen with the consent of the instructor.
Through the year. Tu. Th. S., 11. MR. BRACKETT
Omitted, 1940–41.

18a. Greek Drama in English. Plays of Aeschylus, Sophocles and Euripedes.
Half course, first semester. T. Th. S., 11. MR. BRACKETT

COURSES IN LATIN

1. PRIMARILY FOR UNDERGRADUATES

11. First Year Course.
Open to freshmen.
Through the year. M. W. F., 8. MR. BRACKETT

12. Selections from Catullus; Horace, selected epodes and odes.
Open to freshmen.
Through the year. M. W. F., 9. MR. BRACKETT

15. Selections from Caesar, Cicero and Ovid. This course is open to students who have had Latin 11 or its equivalent. The principal aim is to increase the student's ability to read Latin.
Through the year. MR. BRACKETT
Omitted, 1940–41.

16a. Selections from Lucretius, De Rerum Natura and Cicero, Tusculan Disputations.
Half course, first semester. MR. BRACKETT
Omitted, 1940–41.

17. Roman History. This course will deal with the history of Rome from the earliest period to the downfall of the Western Roman Empire.
Half course. MR. BRACKETT
Omitted, 1940–41.

DEPARTMENT OF BIOLOGY

*PROFESSOR HOAGLAND, *Chairman of Work in Physiology*
PROFESSOR POTTER, *Chairman of Work in Zoology and Botany*
ASSISTANT PROFESSOR NUNNEMACHER, VISITING PROFESSOR PINCUS
MR. HADIDIAN

Research Associates
DOCTORS MARK GRAUBARD, D. MARTIN, W. PEARLMAN,
and MR. R. C. POTTER

GENERAL STATEMENT

The biological laboratories are well-equipped for the courses offered and contain special equipment for advanced investigations. In addition, annual funds are available for purchasing and building apparatus as it may be required. The university library contains complete files of the more important periodicals and reference works. Certain assistantships, fellowships and scholarships are available from time to time.

UNDERGRADUATE WORK

Biology 11 presents a comprehensive view which is prerequisite to all other courses in the department.

An undergraduate majoring in biology is expected to complete at least:

1. Biology 11 and three advanced courses, subject to the

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*Absent on leave, 1940–41.

approval of the department. Candidates for honors in biology should also take Biology 14.

2. Mathematics 10 or 11.
3. Physics 11.
4. Chemistry 11.
5. French or German to an amount sufficient for a good reading knowledge.

Undergraduates who major in biology should choose at least one additional elective course in chemistry or in physics.

GRADUATE WORK

Students whose records are approved by the department may be admitted by the Graduate Board for work leading to the degree of Master of Arts in biology or to the degree of Doctor of Philosophy in general physiology. Certain courses in physics, chemistry, mathematics and psychology may be credited in the Department of Biology.

The general requirements for the master's degree and for the doctorate are stated elsewhere in this catalog. In addition to the general requirements, the department has a supplementary requirement that an additional copy of each doctor's dissertation must be deposited with the department.

The analysis of fundamental activities of living organisms is undertaken upon the basis of physicochemical principles. For this reason some foundation in physics, chemistry and mathematics as well as in biology is essential for advanced work.

WORK IN PHYSIOLOGY

General Physiology is concerned primarily with physicochemical determinants of living processes. For this reason certain prerequisites are necessary for its study. Undergraduate enrollment is limited to those, usually seniors but occasionally juniors, who have had an adequate background in biology and in the physical sciences. Physiology 200 is recommended for premedical students and for other majors in the Departments of Biology and Chemistry since it attempts to integrate a broad field of experimental science in terms of the functioning of living systems.

Through generous research grants from foundations, pharmaceutical houses and individuals, a program of research in two main lines of physiology is in progress: (a) research in the field of nerve physiology, and (b) endocrine physiology centering about the relation of the sex hormones to chemical embryology and to human cancer. Since both of these researches involve clinical aspects, there has been close research co-operation with several of the Worcester hospitals.

In addition to the course work in physiology, graduate students majoring in this field are expected to take certain recommended courses in physics, chemistry, and psychology. Approximately forty per cent of the course work for the Ph.D. in General Physiology is usually done in related departments and members of these related departments assist the biology staff as examiners. Candidates for the Ph.D. are also expected to take a summer school course in mammalian physiology. The Harvard Medical School gives an especially suitable course of this kind.

COURSES IN BIOLOGY

It should be borne in mind that many of the courses in Biology are given in alternate years. The special course sheets given out at the time of registration should be consulted.

1. Primarily for Undergraduates

11. General Biology. An introduction to the fundamental principles and problems of biology. Divisible course upon approval by the department.

Open to freshmen.

Through the year. M. W. F., 11; M., 2.

Mr. D. Potter and Mr. Nunnemacher

12. Vertebrate Zoology. A study of the morphology of the vertebrates from a comparative standpoint which traces the evolution of animals from fish to mammals. Lectures and laboratory work.

Through the year. T. F., 1, 2. Mr. Nunnemacher

13. Seminar in General Biology. Credit is not given for this course. All students in the department are invited to attend and to participate. Staff of the Department

14. Botany. First semester, morphology and taxonomy of the lower plants. Special emphasis is given to the algae and fungi.

Second semester, systematic botany of the higher plants with special emphasis on our local flora. A collection of one hundred plants is required, also a spring field trip of at least three days' duration.

Each semester of the course may be elected separately.

Prerequisite, Biology 11, first semester.

Through the year. Tu. Th. S., 11; Th., 2. MR. D. POTTER

15b. Invertebrate Zoology. A detailed study of the structure, life history, habits, and distribution of invertebrate types. Two lectures and two laboratory periods per week.

Half course, second semester. MR. NUNNEMACHER

Omitted, 1940–41.

16a. Histology. A comprehensive course dealing with tissue structure. Emphasis is placed on the study of mammalian tissues. Two lectures and two laboratory periods per week.

Half course, first semester. Tu. W. Th. F., 8.

Omitted, 1940–41. MR. NUNNEMACHER

17a. Embryology. A consideration of the fundamentals of embryology. Two lectures and two laboratory periods per week.

Half course, first semester. W. F., 8; M, 2.

MR. NUNNEMACHER

To be omitted, 1941–42.

18b. Genetics. An introduction to the principles of genetics.

Half course, second semester. M. W. F., 11. MR. D. POTTER

To be omitted, 1941–42.

140. Advanced Systematic Botany. Prerequisites, Biology 11, first semester and Biology 14, second semester.

Through the year. MR. D. POTTER

Omitted, 1940–41.

141b. Economic Botany. A study of the world's commercial plant products.

Half course, second semester. MR. D. POTTER

Omitted, 1940–41.

142b. Entomology. An introduction to the study of insects.

Half course, second semester. MR. D. POTTER

Omitted, 1940–41.

143. Forestry. An introduction to the study of forestry.

Through the year. MR. D. POTTER AND MR. R. C. POTTER

144b. Bacteriology. An introduction to the study of bacteriology.
Half course, second semester. MR. D. POTTER

2. FOR GRADUATE STUDENTS AND ADVANCED UNDERGRADUATES

200. General Physiology. Open to students who satisfy the instructor as to their preparation. The principal types of functioning characteristic of living organisms are considered in the light of their physicochemical determinants.
Through the year. Tu. Th., 11 and two laboratory periods.
MR. HADIDIAN

203. Special Problems. Advanced semi-independent study of an approved topic under the direction of a member of the staff.
Hours and credit to be arranged. STAFF OF THE DEPARTMENT

204. Physiology of the Nervous System (Seminar). A study of nerve action potentials, synaptic transmission, reflex action and the functions of higher brain centers. Open to students who satisfy the instructor as to their preparation.
Through the year. Hours to be arranged. MR. HOAGLAND
Omitted, 1940–41. This course will alternate with 303.

207. Mechanisms of Reaction (seminar). Mechanisms underlying the behavior of organisms are considered from the standpoint of experimental physiology.
Two hours, through the year. MR. HOAGLAND
Omitted, 1940–41.

3. PRIMARILY FOR GRADUATE STUDENTS

303. Biophysics. Organisms and radiation phenomena. Principles of physics and physical chemistry in relation to physiological mechanisms. Open to students who satisfy the instructor as to their preparation. Physiology 200 should precede 303. In special cases it may be taken concurrently with 303.
Through the year. Hours to be arranged. MR. HADIDIAN
This course alternates with 204.

304. Seminar in Experimental Physiology. Credit is not given for this course but all graduate students are expected to participate in the regular weekly meetings. The seminar is largely conducted by the research staff of the department and by invited speakers. STAFF OF THE DEPARTMENT

308. Research in Physiology.
Credit to be arranged. MR. HOAGLAND

309. Research in Botany.
Credit to be arranged. MR. D. POTTER

310. Research in Zoology.
Credit to be arranged. MR. NUNNEMACHER

Psychology 320a. Advanced Experimental Psychology.
MR. BROWN

Courses in other departments especially recommended for graduate students in physiology who have the suitable prerequisites are Physics 14 and 23, Chemistry 19 and 32, and Psychology 320a.

DEPARTMENT OF CHEMISTRY

PROFESSOR MERIGOLD, PROFESSOR BULLOCK, ASSISTANT PROFESSOR MACDOUGALL†, ASSISTANT PROFESSOR (AFFILIATE) STAUFFER*, MR. BRATTON*

Courses in chemistry fall into two groups:

First, those primarily for undergraduates. They furnish a foundation for professional work in chemistry or medicine, and are suitable for students desiring some knowledge of the subject as part of their general education.

Second, those primarily for graduates, leading to advanced degrees.

UNDERGRADUATE WORK

Students who intend to become professional chemists or to study for an advanced degree in chemistry should *major* in chemistry and take at least two years' work in physics.

They are advised to conform as closely as possible to the schedule given below.

First year: Chemistry 10 or 11; Mathematics 10 or 11; English 11; social science (division B) and foreign language.

Second year: Chemistry 12a, 13b, and 14; Physics 11; Mathematics 12; and a continuation of work in foreign language.

Third year: Chemistry 15, 110, and 19; and electives.

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†Absent on leave, February 1941 to September 1942.
*From February, 1941.

Fourth year: Five courses, chosen from the following: Chemistry 111, 212b, 214, 215; Physics 14 and 15; an elective. A choice, with reference to future work, should be made after consultation with the chemistry staff.

Chemistry 19 is required of all "chemistry majors." Premedical students who cannot take course 19 should major in biology and take as much chemistry as possible. Chemistry 19 is essential for work in Physiology.

Two years of mathematics are required preparation for Chemistry 19 and for graduate work in chemistry. The same amount of mathematics is recommended for all who elect chemistry as a "major," and is required for all who expect to become professional Chemists.

Those students who intend to enter the field of secondary education should acquaint themselves with the requirements in "education" of state and local licensing boards and prepare to meet these requirements. This may necessitate the omission of certain courses in chemistry scheduled for the third and fourth years.

Students intending to study medicine should elect courses 10 or 11, 12, 15 and 110 which are required for admission to practically all "class A" medical schools. Courses 13 and 14 are strongly recommended if time allows.

Attention is called to laboratory fees and breakage deposits listed under the general heading "Laboratory Fees and Deposits."

GRADUATE WORK

The Department of Chemistry provides graduate students with training in the fundamental principles of chemistry sufficiently broad to prepare them adequately for a scientific career.

Requirements for advanced degrees cannot be met merely by pursuing a course of studies or by carrying on an investigation. Hence no definite course of graduate studies is outlined. Ordinarily, completion of the undergraduate program outlined above will be a prerequisite for graduate work in chemistry.

All graduate students are required to have an adequate reading knowledge of French and German. This requirement applies to candidates for either the master's degree or the doctor's degree.

Students registered for advanced degrees are expected to spend not less than eighteen hours per week in the laboratory. This may include special laboratory work in organic, inorganic, and physical chemistry.

Graduate scholarships and fellowships are available to students in this department.

COURSES IN CHEMISTRY

1. Primarily for Undergraduates

10. Elementary Chemistry. Intended primarily for students who have not previously studied chemistry. Equivalent to course 11 as preparation for advanced courses.

Indivisible course.

Open to freshmen who have not studied chemistry in high school.

Through the year. Tu. Th. S., 9; Th., 2.

Mr. MacDougall, first semester
Mr. Bratton, second semester

11. General Chemistry. Chiefly inorganic. Systematic study of the elements and their principal compounds and the fundamental laws and theories of chemistry. Three lectures and three hours of laboratory work per week. Divisible only by consent of instructor.

Open to freshmen who have studied chemistry in high school.

Through the year. M. W. F., 11; M., 2. Mr. Merigold

12a. Qualitative Analysis. Chiefly laboratory work, nine hours per week. Occasional lectures and recitations. Prerequisite, course 11 or its equivalent.

Half course, first semester. Tu. F., 2. Mr. Bullock

13b. Introduction to Physical Chemistry. Lectures on some of the fundamental principles governing chemical behavior. Topics will include gas laws, solutions, ionic reactions and equilibria. This course is prerequisite to further work in physical chemistry, and is required of all chemistry majors. Prerequisite, course 12.

Half course, second semester. Tu. F., 2–3; W., 12.

Mr. Bratton, second semester

14. Quantitative Analysis. Chiefly laboratory work, with occasional lectures, recitations, and problems. Six hours of laboratory work, and one lecture per week. Prerequisite, course 13.

Divisible for premedical students. The complete course is required for a "major" in Chemistry.

Through the year. Tu., 3:30; Th., 2. Mr. Merigold

15. Elementary Organic Chemistry. Lectures on the fundamental principles of organic chemistry. Prerequisite, a grade C– or better in course 11, or its equivalent.

Through the year. M. W. F., 9. Mr. Bullock

19. Physical Chemistry. A study of the theoretical aspect of chemistry including gases, liquids, solids, solutions, equilibria, reaction rates and electromotive force. Five hours of laboratory work and three lectures per week. Prerequisites, grades C– or better in Chemistry 13b and 14, Mathematics 12, Physics 11. Divisible only by consent of instructor.

One and one-half course, through the year. Tu. Th. S., 10.
MR. MACDOUGALL, first semester
MR. BRATTON, second semester

110. Organic Synthesis. Laboratory work in the preparation of typical organic compounds. Course 110 should be taken, if possible, in connection with course 15. Four and one-half hours of laboratory work per week. Open only to students who take or have taken courses 12, 14 and 15.

Half course, continuing through the year. Th., 2. MR. BULLOCK

111. Detection and Analysis of Organic Compounds. Chiefly laboratory work. Open to students who take or have taken Chemistry 110.

This course may be taken throughout the year four and one-half hours per week to supplement Chemistry 19 or 110, or 9 hours per week during the second semester.

Half course, continuing through the year. M., 2. MR. BULLOCK

2. FOR GRADUATE STUDENTS AND ADVANCED UNDERGRADUATES

212b. History of Chemistry. Outline of the historical development of the science, and the relation of chemistry to other sciences at various periods of development. Lectures, collateral reading, reports and thesis. Open to graduate students and seniors who take or have taken Chemistry 15 and 19 or equivalent courses. Required for advanced degrees in Chemistry.

Half course, second semester. Tu. Th., 11. MR. MERIGOLD

214. Advanced Quantitative Analysis (including gas analysis). Prerequisite, course 14. Lectures and laboratory work, nine hours per week.

Through the year. Tu. Th., 2. MR. MERIGOLD

215. Honors Course. Primarily for candidates for "honors in Chemistry." STAFF OF THE DEPARTMENT

3. Primarily for Graduate Students

32. Advanced Physical Chemistry. Lectures on thermodynamics, electrolytic solutions, theories of reaction rates, and quantum statistics. Selected special topics will be taken up according to the time available and the needs of the class.
Three hours, through the year. M. W. F., 11.
Mr. MacDougall, first semester
Mr. Stauffer, second semester

33. Advanced Organic Chemistry. Lectures on selected subjects in organic chemistry.
Two hours, through the year. Tu. Th., 11. Mr. Bullock

34. Advanced Inorganic Chemistry. Lectures on selected topics in inorganic chemistry.
Two hours, through the year. Tu. Th., 9. Mr. Merigold

35. Seminar. Staff and graduate students. Reports on research work being carried on in the laboratory and report and discussion of recently published work in related fields.
Once a week, through the year. W., 4.
Staff of the Department

314. Research in Inorganic Chemistry. Mr. Merigold

315. Research in Organic Chemistry. Mr. Bullock

318. Research in Physical Chemistry.
Mr. MacDougall, first semester
Mr. Stauffer, second semester

DEPARTMENT OF ECONOMICS AND SOCIOLOGY

Professor Brandenburg, Professor Maxwell*, Professor Lucas, Assistant Professor Melder, Visiting Lecturer Davis

The first aim of the department is to give students a systematic knowledge of the organization and functions of our economic and social order. But this cultural objective is not exclusive. Many of the courses in economics have a vocational aspect and should receive the attention of students looking forward to business or professional careers. Among such courses are the following: 13, 16a, 17b, 18, 20a, 22, 24a, 117.

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*Absent on leave, first semester 1940–41.

Economics 11 is a prerequisite to all other courses in economics, with the possible exception of Economics 14a and 14b, and is required of all majors in the department. Courses taken outside the department in partial fulfillment of the major requirement should be selected, subject to departmental approval, so as to provide a unified program centering about the student's major interest.

Candidates for departmental honors will engage in a program of independent study consisting of reading and research designed in part to give them specialized training in the fields of their major interest and in part to supplement formal courses. Ordinarily a student will not begin his independent study until the second semester of the junior year, nor will he be permitted to undertake the equivalent of more than two courses in independent study.

In making elections, students should bear in mind that many advanced courses are offered only in alternating years.

GRADUATE WORK

The department regularly offers courses leading to the master's and doctor's degrees. Students expecting to enter upon advanced work should have creditably mastered basic courses in economics equivalent at least to a total of four courses, including Economics 11; those whose preparation is inadequate should expect to remove the deficiency before proceeding to study for a higher degree.

A sufficient range of courses will be offered in cycles of two or three years so that graduate students may be adequately prepared for candidacy for the doctorate in this department. The classification of courses as undergraduate, intermediate, and graduate is necessarily an elastic one. Graduate students electing courses in the undergraduate category will be required to do additional work; undergraduate students in courses of the intermediate group will be expected to do work of substantially graduate caliber.

Fellowships, scholarships, assistantships, and other aids are available to a limited number of worthy students.

Attention is directed to closely allied courses offered in geography, history and international relations, and psychology.

COURSES IN ECONOMICS

1. Primarily for Undergraduates

10. Social Science Survey. An introduction to methods and materials of the social sciences preparatory to later work in these fields.
Indivisible course.
For freshmen; others will receive reduced credit.
Through the year. M. W. F., 9. Mr. Brandenburg

11. Principles of Economics. An introduction to the fundamental economic principles, together with a study of the practical application of these principles to the problems of American life. Economics 10 is a desirable preliminary course.
Indivisible course.
Through the year. Tu. Th. S., 10. Mr. Lucas

13. Money and Banking. Indivisible course.
Through the year. M. W. F., 9. Mr. Maxwell
Given in the second semester only, 1940–41.

14a. Economic History of Western Europe since 1700.
Half course, first semester. M. W. F., 10. Mr. Maxwell
Omitted, 1940–41.

14b. Economic History of the United States.
Half course, second semester. M. W. F., 10. Mr. Maxwell

15a. Public Finance.
Half course, first semester. M. W. F., 10. Mr. Maxwell
Omitted, 1940–41.

16a. Economic Statistics. Primarily for students of Economics and Sociology.
Half course, first semester. Tu. Th., 11; Th., 2:30. Mr. Melder
Omitted, 1940–41. Offered in alternate years.

17b. Business Administration. An introduction to business principles and practices. The course seeks to acquaint the student with the leading internal problems of business, and methods or procedures by which the problems are attacked.
Half course, second semester. Tu. Th. S., 11. Mr. Melder
Omitted, 1940–41. Offered in alternate years.

117. Principles of Accounting. The organization and use of financial records, with emphasis on their interpretation as well as on the technique of procedure.
Indivisible course.
Through the year. Tu. Th., 11; Th., 2–4. MR. MELDER
To be omitted, 1941–42. Offered in alternate years.

18. Business Organization and Finance. A unified year's work in the structure of modern industry, the financial practices of corporations, and the problem of social control.
Through the year. Tu. Th. S., 9. MR. LUCAS
To be omitted, 1941–42.

2. FOR GRADUATE STUDENTS AND ADVANCED UNDERGRADUATES

20. Business Law.
Through the year. Tu. Th. S., 10. MR. MELDER
Omitted, 1940–41. Offered in alternate years.

21b. Business Cycles. Analysis of the business cycle, theories of causation of the trade cycle, and various approaches to its control.
Half course, second semester. Tu. Th. S., 11. MR. MELDER
Omitted, 1940–41. To be offered in 1941–42 and in alternate years.

22. Labor Problems.
Through the year. M. W. F., 11. MR. BRANDENBURG
Omitted, 1940–41.

210a. Economic and Social Reform. The historical and critical study of various programs. Prerequisite, Economics 14.
Half course, first semester. M. W. F., 11. MR. BRANDENBURG
To be omitted, 1941–42.

211b. Contemporary Economic Systems. A study of totalitarian economic systems particularly of Russia, Italy, Germany, and Japan; a comparison of autarchy and free capitalism in the modern world; changes in international economic techniques consequent on totalitarian economics. Prerequisite Economics 210a or its equivalent.
Half course, second semester. M. W. F., 11. MR. BRANDENBURG
To be omitted, 1941–42.

24a. Marketing. An introduction to the economics of marketing. Special attention is devoted to the marketing process as a whole, to specific methods and practices of important markets such as those for agricultural and manufactured goods and services. The course concludes with a summary study of marketing problems and methods practised or proposed for solving these problems.

Half course, first semester. Tu. Th. S., 10. MR. MELDER
To be omitted, 1941–42. Offered in alternate years.

240b. Economics of Consumption. Theories of consumption, the relation of consumption patterns to other aspects of economic organization, private and social controls of consumption; consumer movements, planes of living, and other consumer problems.

Half course, second semester. Tu. Th. S., 10. MR. MELDER
To be omitted, 1941–42. Offered in alternate years.

25b. Problems in Public Finance. Prerequisite, Economics 15a.

Half course, second semester. M. W. F., 10. MR. MAXWELL
Omitted, 1940–41.

26. Government and Industry. An analysis of the proper function of government in controlling economic activity, including theories of control, historical development of control, and such special problems as the regulation of trusts, public utilities, and railroads. Economics 18 desirable. Indivisible course.

Three hours, through the year. Tu. Th. S., 9. MR. LUCAS
Omitted, 1940–41.

27a. International Trade: Theory and Finance. The nature, theoretical basis, methods of financing, and governmental control of the international movement of goods. Economics 13 desirable.

Half course, first semester. Tu. Th. S., 11. MR. LUCAS
To be offered in 1941–42.

28. Research in Selected Economic Problems. Limited enrollment; consent of the instructor required.

Credit and hours to be arranged. THE STAFF OF THE DEPARTMENT

29b. Economics of Transportation. History and present status of rail, water, and highway transport; rate-making; public regulation, government operation, and chief problems of the present.

Half course, second semester. Tu. Th. S., 11. MR. LUCAS

3. Primarily for Graduate Students

31a. International Economic Policies. A study of the teachings of various groups of economists from the Mercantilist era to the present day in respect to national economic policies and international economic relationships, together with an estimate of the influence of these teachings on economic developments.
Two hours, first semester. M., 7:15–9. Mr. Brandenburg

31b. International Economic Policies. A continuation of Economics 31a, with emphasis on actual economic policies of nation states in respect to trade, markets, navigation, raw materials, etc.; efforts at peaceful collaboration as seen in economic conferences, regional agreements, trade reciprocity and treaties, economic unions, etc.
Two hours, second semester. M., 7:15–9. Mr. Brandenburg

38a. Problems in Economic Theory.
Two hours, first semester. Tu., 2:30–4:30. Mr. Davis
To be omitted, 1941–42.

38b. Modern Economic Thought. Attention will be given rather to the history of thought than to analytical criticism of specific doctrines.
Three hours, second semester. M. W., 2:30–4. Mr. Maxwell
To be omitted, 1941–42.

39. Value and Distribution.
Three hours, through the year. Hours to be arranged.
Omitted, 1940–41. Mr. Maxwell

311. Seminar in Economics and Sociology. Fortnightly round table on investigations by members of the seminar. Occasional outside speakers. All full-time graduate students in the department are required to attend. Not more than *one hour* credit may be allowed for this course.
Second and fourth Thursdays of each month at 7:30.
The Staff of the Department

COURSES IN SOCIOLOGY

1. Primarily for Undergraduates

(See also Economics 10 and 11)

11. Principles of Sociology. What is society, and what are its fundamental inter-relationships? In attempting to answer these questions the course gives a comprehensive view of sociology as a social science, and serves as a solid base for further study in the field. Indivisible course.

Through the year. Tu. Th. S., 9. MR. MELDER

2. FOR GRADUATE STUDENTS AND ADVANCED UNDERGRADUATES

(See also Economics 22, 210a, 211b, 240b, and 311)

27a. Educational Sociology. A study of education (organized and unorganized) and intellectual leadership in their relationships to politics, government, the family, religion, patriotism, business cycles, and other socio-economic phenomena. Education in the United States as it is and as it may be, will receive particular attention.

A third hour of credit may be arranged for properly qualified students.

Two hours, first semester. MR. MELDER

Omitted, 1940–41.

DEPARTMENT OF ENGLISH

PROFESSOR AMES, PROFESSOR DODD, PROFESSOR ILLINGWORTH,
MR. MARBLE, MR. HOYT

English 11 is required of all freshmen. Those who complete the first semester of English 11 with a grade of A – or better may substitute for the second semester of English 11 any second semester course in English literature or composition which is elective for sophomores.

A major in English consists of seven courses, not less than four of which and not more than five must be in English literature or composition and the others in related subjects. The following courses are prescribed for all students electing a major in English: English 13, 15, and three semesters chosen from English 113, 122, 146, 142 (one semester only). English 11 may not be counted as part of a major in English.

A student intending to major in English will be advised by the department in regard to his choice of courses in the major subject and related fields.

THE PRENTISS CHENEY HOYT PRIZE IN POETRY

A prize of fifteen dollars is awarded annually by the Department of English for the best poem by an undergraduate. This is the interest on a fund established by the alumni as a memorial to Prentiss Cheney Hoyt, Professor of English at Clark University from 1909 to 1920.

COURSES IN ENGLISH

1. Primarily for Undergraduates

1. English Composition. The aim of the course is to improve expression in writing and to increase appreciation of literature through weekly practice in writing, particularly in expository writing, and through collateral reading.

Required of freshmen.

Through the year. Tu. Th. S., 11. Mr. Hoyt

12a. Public Speaking. A course in the composition and delivery of speeches and practice in impromptu speaking. The aim of the course is to train the student to think logically and to speak simply and effectively when on his feet.

Open to freshmen.

Half course, first semester. M. W. F., 9. Mr. Illingworth

13b. Shakespeare. A general survey of Shakespeare's works, including the reading and class discussion of twelve plays. Elective for juniors and seniors.

Half course, second semester. Tu. Th. S., 11. Mr. Ames

15. A Survey of English Literature. A course in English literature from its beginning to the end of the eighteenth century. Elective for juniors and seniors.

Through the year. M. W. F., 10. Mr. Marble

16b. English Composition. Open to students who have attained high standing in English 11.

Half course, second semester. M. W. F., 11. Mr. Marble

18a. The Bible as Literature. Elective for juniors and seniors.

Half course, first semester. Tu. Th. S., 11. Mr. Ames

110. English Literature of the Nineteenth Century. Elective for juniors and seniors.

Through the year. Tu. Th. S., 10. Mr. Ames

111. American Literature. Elective for juniors and seniors.

Through the year. M. W., F., 10. Mr. Ames

113a. English Drama. From the mysteries and moralities to Barrie, Shaw and Galsworthy.
Open to freshmen.
Half course, first semester. Tu. Th. S., 9. MR. DODD

114a. Elizabethan Drama.
Half course, first semester. M. W. F., 9. MR. MARBLE

121b. Biography and Letters. The biography, autobiography and correspondence of distinguished authors, painters and sculptors, from the eighteenth century to the present. This course is open only to upper classmen who are proficient in English.
Half course, second semester. Tu. Th. S., .10 MR. DODD

122a. Modern Poetry. A study, in representative contemporary poets, of the new tendencies in verse. Opportunity is afforded for original verse composition. Open only to upper classmen who are proficient in English.
Half course, first semester. Tu. Th. S., 10. MR. DODD

124a. American Drama. A study of the American drama from colonial times to the present.
Open to freshmen.
Half course, first semester. M. W. F., 9. MR. DODD
Omitted, 1940–41.

125a. The Short Story. Representative short stories in English and American literature.
Open to freshmen.
Half course, first semester. Tu. Th. S., 9. MR. DODD
Omitted, 1940–41.

126b. Modern Continental Drama. A companion course to Modern English Drama.
Open to freshmen.
Half course, second semester. Tu. Th. S., 9. MR. DODD

142a. The English Novel. A study of the novel from its beginning to Thomas Hardy.
Open to freshmen.
Half course, first semester. M. W. F., 8. MR. ILLINGWORTH
Omitted, 1940–41.

142b. The Modern Novel.
Half course, second semester. M. W. F., 8. MR. ILLINGWORTH

143b. Argumentation and Debate. A systematic study of the principles and practice of argumentation.
Half course, second semester. M. W. F., 9. Mr. Illingworth
Omitted, 1940–41.

145a. Stagecraft.
Open to freshmen.
Half course, first semester. Mr. Illingworth

145b. Acting.
Half course, second semester. Mr. Illingworth
Omitted, 1940–41.

146b. Oral Interpretation of Literature. The purpose of this course is to develop ability to read aloud in a simple, intelligent, and expressive manner. The materials will be drawn chiefly from prose and poetry of assured literary value, with a view of gaining through oral interpretation an added appreciation of literature.
Half course, second semester. M. W. F., 9. Mr. Illingworth

DEPARTMENT OF FINE ARTS

Loring Holmes Dodd, *Professor of Rhetoric, Curator of Art, Chairman of the Department of Fine Arts.*
H. Earle Johnson, *Instructor in Music, Director of Musical Organizations.*
Perry B. Cott, *Associate Director and Curator of European and Asiatic Art, Worcester Art Museum.*

With the co-operation of:
Haven D. Brackett, *Professor of Greek and Latin.*
David M. Dougherty, *Associate Professor of Romance Languages.*
Robert S. Illingworth, *Professor of Dramatic Art.*
Harold S. Jantz, *Assistant Professor of German.*
Herbert Barnett, *Head of Department of Drawing, Painting and Sculpture, School of the Worcester Art Museum.*

The courses listed below are offered by the University in co-operation with the Worcester Art Museum and are open to students of either institution.

Announcement of requirements for students who may *major* in the department will be made prior to the beginning of the fall term, 1941.

COURSES

1. Primarily for Undergraduates

Fine Arts 1. Introduction to Art. A general course in the appreciation and history of the fine arts, considering the fundamental technical and aesthetic principles of art, and surveying the history of painting, sculpture and architecture from prehistoric to modern times. Prerequisite: History 11 (European history) or the signature of the instructor. Two illustrated lectures per week at the Art Museum. Study of original works of art, assigned reading, field trips.

Through the year. M. T., 2, at Worcester Art Museum.
Mr. Cott

Fine Arts 10a. The Art of My Country. American accomplishment in painting, sculpture and architecture. Illustrated lectures, assigned readings, field trips.

Half course, first semester. M. W. F., 9. Mr. Dodd

Fine Arts 11b. French and English Painting, 18th and 19th Centuries. Field trips may be required.

Half course, second semester. M. W. F., 9. Mr. Dodd

Fine Arts 111. Practical Art—Drawing and Painting. This course is designed to develop the individual creative ability of the student and to provide him with a technical proficiency in the various media of artistic expression. Drawing and painting from the cast and model; still life painting; lectures and assigned reading.

Students electing this course are charged a fee of $10 each semester in addition to the regular tuition. There is also an initial expense estimated at about $10 for materials, and a slight expense for replacement as the course progresses through the year.

Through the year. Six hours per week at the School of the Worcester Art Museum. M. Tu., 2–5. Mr. Barnett

Music 12. A survey course in the history and understanding of music, beginning with Carl Philipp Emmanuel Bach and the genesis of sonata-form, and extending to the contemporary scene. The Vienna classicists, the romantic movement, the rise of impressionism, the so-called modernists are treated in the various types of music to be heard in concert-hall, opera house, and over the radio. An indivisible course, except that qualified students may be admitted at the beginning of the second semester with the consent of the instructor.

Elective for sophomores, juniors, and seniors.

Through the year. M. W. F., 11. Mr. Johnson

Music 13b. The Opera. A course in the evolution of opera from Peri's *Dafne* to Richard Strauss' *Elektra*. Special attention will be given to the social and literary backgrounds which underlie the music-drama.

Half course, second semester. M. W. F., 10. Mr. Johnson

To be omitted, 1941–42.

Music 14a. The Life and Works of Beethoven. A detailed study of the major works by music's most inspired prophet of the nineteenth century. The pianoforte sonatas, the sixth to ninth symphonies, and the late quartets will comprise the principal subjects of study by means of phonograph recordings and demonstrations in the classroom. Considerable attention will be given to Beethoven's life in connection with the changing conditions of his times. Music 12, or some previous interest in music is prerequisite.

Half course, first semester. M. W. F., 10. Mr. Johnson

Music 15. Music to 1750. A survey course from the earliest known music to the death of J. S. Bach. Primitive music, the Greek modes, the medieval period, the growth and development of polyphony, and the culmination of the contrapuntal styles are treated. Open only to students who intend to concentrate on the fine arts and those who have completed Music 12.

Half course. Mr. Johnson

New course. To be offered in 1941–42.

French 113. Introduction to French Civilization. A selective survey of the history, art, and literature of France, from the Middle Ages to the present time, given in co-operation with the Worcester Art Museum.

French 113 may not be counted in fulfillment of the requirement in foreign language.

Through the year. W., 4:15; F., 12. Mr. Dougherty

To be omitted, 1941–42. Offered in alternate years.

German 14 and 141. Germanic Civilization. An illustrated lecture course on the cultural development of Northern Europe from Indo-European times through the Renaissance and classical period. Given in coöperation with the Worcester Art Museum.

In German 14 the required reading is entirely in English. German 141 requires extensive reading in German and yields credit in foreign language. The basic content is the same in both courses.

Through the year. At the Worcester Art Museum, one afternoon weekly, other meetings at the University. MR. JANTZ

Omitted, 1940–41. To be offered in 1942–43.

Greek 17. Greek Civilization. This course will cover the period from the beginnings of Greek history to 146 B.C.

Open to freshmen with the consent of the instructor.

Through the year. MR. BRACKETT

Omitted, 1940–41. To be offered in 1941–42.

English 145a. Stagecraft.

Open to freshmen.

Half course, first semester. MR. ILLINGWORTH

DEPARTMENT OF GEOGRAPHY

A complete statement of the aims and the scope of the offerings in geography will be found in the announcement of the Graduate School of Geography.

DEPARTMENT OF GEOLOGY

PROFESSOR LITTLE

1. PRIMARILY FOR UNDERGRADUATES

12. General Geology. A study of the origin of scenery, the classification of rocks, the structure of the earth, the geography of the past, and the evolution of life. Three recitations and one laboratory period or field trip weekly. (The laboratory period will be utilized in the manner deemed most advantageous by the instructor.) Attendance on one out-of-town field trip lasting two days or more is required.

Indivisible course.

Through the year. M. W. F., 8; Th., 2. MR. LITTLE

The following courses are offered occasionally on special request of four or more students.

121b. Crystallography, Mineralogy, and Blowpipe Analysis. An elementary course on the identification of minerals by their geometrical, physical and chemical properties. Two class meetings and one laboratory period weekly. General geology is not a prerequisite for this course.

Half course, second semester. MR. LITTLE
Omitted, 1940–41.

122b. Economic Geology. A study of the origin of the deposits of useful minerals and a discussion of their more important occurrences throughout the world. Elementary chemistry and geology provide a desirable preparation for this course. Two class meetings and one laboratory period weekly. Geology 121 is a prerequisite.

Half course, second semester. MR. LITTLE
Omitted, 1940–41.

DEPARTMENT OF GERMAN

ASSOCIATE PROFESSOR BOSSHARD, ASSISTANT PROFESSOR JANTZ,
VISITING PROFESSOR SCHEIFLEY

The Department of German provides courses for the acquisition of a reading knowledge, for the fulfillment of the general requirement in foreign languages and for the completion of a major in German. German 112 is a course for upper classmen and graduate students; the courses numbered 11, 12, 13 form a regular sequence leading up to a good reading knowledge. German 131, "Practice in Speaking and Writing German," is a course preparing for mastery of the language, necessary for teaching and recommended for advanced work in literature. Courses designated as "advanced courses in literature," numbered 141, or higher, have as a prerequisite: German 13 or 131, or an achievement test in reading, writing and oral use of the language. A major in German consists of seven courses, including four or five in the department of German and others approved by the department.

COURSES IN GERMAN

1. PRIMARILY FOR UNDERGRADUATES

ELEMENTARY COURSES

11. Elementary German. (Two *independent* sections.) Vocabulary drill, pronunciation and grammar; composition, reading of easy prose. Indivisible course.

Open to freshmen.
Through the year. M. W. F., 9 and 10. MR. BOSSHARD

12. Second Year German. Reading, thorough review of grammar essentials, exercises in composition. Prerequisite, German 11.

Open to freshmen. Two independent sections.

Through the year. Tu. Th. S., 9. MR. JANTZ

Tu. Th. S., 12. MR. SCHEIFLEY

112. Basic German. Open to juniors, seniors, and graduate students. Designed to make possible, with intensive application, the acquisition of a reading knowledge in German in one year, stressing an exact knowledge of the basic vocabulary, the fundamental points of grammar and sentence structure. MR. BOSSHARD

Through the year. M. W. F., 8. Offered in 1940–41 and in alternate years.

13. Third Year German. Extensive reading, chiefly in modern literature, grammar review, composition. Prerequisite, German 12.

Open to freshmen.

Through the year. Tu. Th. S., 8. MR. JANTZ

131. Practice in Speaking and Writing. Intensive linguistic work for prospective teachers and other students intending to continue with advanced work in German. After the month of October the course is conducted in German. Prerequisite, satisfactory work in German 12.

Open to freshmen.

Through the year. M. W. F., 8; Tu., 1. MR. BOSSHARD

Omitted, 1940–41. To be offered in 1941–42 and in alternate years.

14 and 141. Germanic Civilization. An illustrated lecture course on the cultural development of northern Europe from Indo-European times through the Renaissance and Classical period, given in co-operation with the Worcester Art Museum.

German 14, in which the reading is entirely in English, may be counted toward fulfillment of the general requirement in Fine Arts, but not toward language credit. German 141, with extensive reading in German, will include language credit.

Through the year. At the Worcester Art Museum, one afternoon weekly; other meetings at the University. MR. JANTZ

Omitted, 1940–41.

ADVANCED COURSES IN LITERATURE

141. Germanic Civilization. See statement under 14 and 141 above.

151a. Classical and Nineteenth Century German Drama. Reading and discussion of select plays of Lessing, Goethe, Schiller, Kleist, Hebbel, Wagner, Hauptmann, and others.
Half course, first semester. T. Th. S., 11. MR. JANTZ
Omitted, 1940–41. Offered on request.

152b. The German Novel of the Nineteenth and Twentieth Centuries. Select novels, and novellen from the Romantic period to the present.
Half course, second semester. MR. JANTZ
Omitted, 1940–41. Offered on request.

153a. Contemporary German Literature. Lectures, readings.
Half course, first semester. Tu. Th. S., 11. MR. BOSSHARD
Omitted, 1940–41. To be offered in 1941–42 and in alternate years.

161a. Lyric Poetry. A survey of representative German lyric poetry.
Half course, first semester. MR. BOSSHARD
To be omitted, 1941–42. Offered in alternate years.

162b. Goethe's Faust. A study of this Drama, its message, and of the poet's own development and the evolution of the literary and philosophic currents of his time.
Half course, second semester. MR. BOSSHARD
Offered in 1940–41 and in alternate years.

17. Survey of German Literature. Lectures, readings, and assigned topics in German literature from the beginnings to the present, against a background of Germany's historical development.
Through the year. Tu. Th. S., 10. MR. JANTZ
Offered in 1940–41 and in alternate years.

182b. Advanced Reading in German Philosophy. A brief general introduction to philosophy in general. Reading chiefly of modern German philosophers.
Half course, second semester. MR. BOSSHARD
Omitted, 1940–41. To be offered in 1941–42 and in alternate years.

19. Seminar for Honor Students.
MR. BOSSHARD AND MR. JANTZ

Comparative Literature

142. European Classics in Translation. A seminar course of limited enrollment open to qualified upper classmen with the consent of the instructor. A few works are studied carefully and in their entirety. They include Dante's *Divine Comedy*, Montaigne's *Essays* (large selection), Cervantes *Don Quixote*, Moliere's *Comedies*, and Goethe's *Faust*. This course fulfills the requirement in art, music and literature. It is not accepted toward the fulfillment of the requirement in foreign language.

Through the year. W., evenings, 8–10, extra conference hour to be arranged. Mr. Jantz

Offered in 1940–41 and in alternate years.

DEPARTMENT OF HISTORY AND INTERNATIONAL RELATIONS

Professor Blakeslee, Professor D. E. Lee, Professor Jordan*, Assistant Professor G. A. Lee

UNDERGRADUATE WORK

The aim of the department in its undergraduate work is to give in its several courses a broad knowledge of the more significant aspects of the growth of the leading countries of the world. This includes the study not only of the important facts, but more especially of the processes of development in government, diplomacy, society, business, religion, science, and education.

History 11, primarily for freshmen, is open to members of all classes and is prerequisite for all other courses taken by those majoring in this department. Students who wish merely to fulfill the college requirement in "division B" or those majoring in allied fields who wish to take one or more courses in this department to satisfy their "major" requirements, may, *after the freshman year*, elect any other course whose number begins with (1) without having previously taken History 11. Students who have taken one course in the department and who wish to elect a second course whose number begins with (2) as part of a major in a related department, may do so with the consent of the instructor.

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*Absent on leave, second semester, 1940–41.

GRADUATE WORK

The distinctive feature of the graduate work is the emphasis it places upon the various aspects of international relations. Without neglecting investigation in the economic, political, and social life of preceding centuries, it stresses the study of the problems and the difficulties constantly arising in the international relations and diplomacy of the family of states. The field includes not only the United States and the nations of Europe, but also the newer and rapidly developing states of Asia, Latin America, and Africa.

THE DOCTORATE

The various courses offered in the department are so arranged, in cycles of two or three years, that students working for their doctorate will be enabled to secure a full program each year.

A feature of the method of instruction in the department is the frequent informal conferences between instructor and student, and the seminar method in many of the courses.

COURSES IN RELATED DEPARTMENTS

The following courses in related departments may advantageously be taken to supplement major work in the department of history and international relations: geography of North America; political geography; geographic aspects of United States foreign trade; general principles of human geography; geography of Europe; geography of Caribbean America; geography of South America; economic history; international economic policies.

GOVERNMENT AND POLITICAL SCIENCE

The following courses, given in the department of history and international relations, are frequently listed under a separate department of government and political science.

History 12. European and American Governments.
History 18. A Survey of International Relations.
History 213. Constitutional History of the United States.
History 231. International Law.
History 205. History of Political Thought.
History 30. Problems in International Relations.
History 33. Foreign Relations of the United States.

COURSES IN
HISTORY AND INTERNATIONAL RELATIONS

1. Primarily for Undergraduates

11. Introduction to the History of Europe. The course covers the period from the fall of Rome to the present time, and serves as a general introduction to further historical study.
Open to freshmen. See departmental announcement above.
Through the year. Tu. Th. S., 10. Mr. D. E. Lee

12. European and American Governments. The first semester will give a description of the leading governmental systems of Europe; the second will deal with the government and politics of the United States.
Through the year. A divisible course. Tu. Th. S., 11.
To be omitted, 1941–42.
Mr. D. E. Lee and Mr. G. A. Lee

15. History of England. A general course forming a background for American history and an introduction to an understanding of Britain's place in the present world. Lectures, textbook, collateral reading and quizzes.
Through the year. M. W. F., 10. Mr. Jordan
Omitted, 1940–41. To be offered as a half course in 1941–42.

17. American History Since 1783. After a brief survey of the American Revolution, the course will treat carefully the period since 1783. Divisible only in special cases with the approval of the department.
Through the year. Tu. Th. S., 9. Mr. G. A. Lee

18. A Survey of International Relations. A general survey of the whole field of international relations which will furnish a foundation for further and more specialized work.
Through the year. M. W. F., 9. Mr. Blakeslee
To be omitted, 1941–42.

2. For Graduate Students and Advanced Undergraduates

20a. Europe Since 1848. The internal and external development of the major European nations with special emphasis on the

period from 1870 to the present. History 15 in addition to History 11 desirable as a prerequisite.
Half course, first semester. Tu. Th. S., 11. MR. D. E. LEE
Omitted, 1940–41. To be offered in 1941–42.

21a. Great Britain in Two Wars, 1914–18 and 1939–40. England's struggle to maintain herself as a world power will be considered from the point of view of pre-war preparations as well as of the conduct of war-time operations. Students will be asked to report on special topics.
Half course, first semester. M., 2–3; W., 3–5. MR. JORDAN
To be omitted, 1941–42.

22. The Pacific and the Far East. The course deals especially with China, Japan, Russia in Asia, the islands of the Pacific, and the Far Eastern policies of the United States.
Through the year. M. W. F., 10. MR. BLAKESLEE
To be offered in 1941–42.

231. International Law. A general course adapted for advanced students who will do a large amount of outside reading.
Through the year. M. W. F., 9. MR. BLAKESLEE
Omitted, 1940–41.

25a. Recent History of the British Empire. A consideration of the nature and problems of the Empire, mainly in the twentieth century.
Half course, first semester. M. W. F., 11. MR. JORDAN
Omitted, 1940–41. To be offered in 1941–42.

26. England Since 1760. A general course, stressing the political, economic and social development of the modern commonwealth.
Through the year. M. W. F., 9. MR. JORDAN
Omitted, 1940–41.

27a. Conflicts of Modern Political Thought. A survey beginning with the French Revolution and stressing ideas of present interest.
Half course, first semester. M. W. F., 9. MR. JORDAN

28. History of the British Empire. In the second semester the course will deal with developments and problems since 1870.
Through the year. M. W. F. 11. MR. JORDAN, first semester
MR. D. E. LEE, second semester
To be omitted, 1941–42.

29b. Russia. The aim of this course is to present Russian internal development from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet régime since that date.
Half course, second semester. Tu. Th. S., 11. Mr. D. E. Lee
Omitted, 1940–41.

201. Social and Intellectual History of the United States. The evolution of American life from the Revolution to the present day, with emphasis upon the social customs, economic influences, racial contributions, religious beliefs, and humanitarian movements.
Through the year. Tu. Th. S., 10. Mr. G. A. Lee
Omitted, 1940–41. To be offered in 1941–42.

205. History of Political Thought. A historical course, in which the development of thought is stressed rather than the theories of individual writers.
Through the year. M. W. F., 11. Mr. Jordan
Omitted, 1940–41.

213. Constitutional History of the United States. The Constitution is treated as a growing organism, responsive to the changing political, social and economic conditions of the country.
Through the year. Tu. Th. S., 10. Mr. G. A. Lee
To be omitted, 1941–42.

242a. The United States in the Twentieth Century. A synthesis of the political, social, and economic forces in the development of the United States from Roosevelt to Roosevelt.
Half course, first semester. Tu., 3–5, third hour to be arranged.
To be omitted, 1941–42. Mr. G. A. Lee

3. Primarily for Graduate Students

30. Problems in International Relations. An intensive study of present outstanding problems, especially those which involve the policies, interests, and obligations of the United States.
Two hours, through the year. M., 3–5. Mr. Blakeslee
Omitted, 1940–41.

33. Foreign Relations of the United States. The history of the foreign relations of the United States from 1783 to the present.
Two hours, through the year. M., 3–5. Mr. Blakeslee

34a. American Colonial History to 1763. The European background of American history and the political and social development in the colonies.
Two hours, first semester. Tu., 3–5. MR. G. A. LEE
Omitted, 1940–41.

320a. England Since 1865. Students will be expected to read widely and to undertake a small amount of individual research.
Two hours, first semester. W., 3–5. MR. JORDAN
Omitted, 1940–41. To be offered in 1941–42.

35b. British India. Particular attention will be paid to the place of India in the contemporary world.
Two hours, second semester. W., 3–5. MR. JORDAN
Omitted, 1940–41. To be offered in 1941–42.

331. European International Relations Since 1870. A study of the diplomatic history of Europe from the Congress of Berlin to the present time.
Two hours, through the year. Th., 2–4. MR. D. E. LEE
To be offered as History 232 in 1941–42.

38a. European International Relations Since 1930. The emphasis in this course is upon international affairs, although some attention is paid to internal developments in the more important states in order to make clear the causes and course of the war which broke out in 1939.
Two hours, first semester. Th., 3–5. MR. D. E. LEE
Omitted, 1940–41. To be offered in 1941–42.

342. The Influence of Westward Expansion in American Development. The westward movement from colonial times to the passing of the frontier will be discussed in detail.
Two hours, through the year. Tu., 3–5. MR. G. A. LEE
Omitted, 1940–41. To be offered in 1941–42

351. Research in the International Relations of the United States. MR. BLAKESLEE

352. Research in the International Relations of the Pacific and the Far East. MR. BLAKESLEE

353. Research in the History and International Relations of the British Empire. MR. JORDAN

354. Research in the History and International Relations of Continental Europe. MR. D. E. LEE

355. Research in the History of the United States.
MR. G. A. LEE

36. Seminar. The students in the department meet each week to study particular topics in international relations and to consider the results of investigation carried on in the department.
Weekly, through the year. Tu., 7:45.
MESSRS. BLAKESLEE, D. E. LEE, JORDAN, AND G. A. LEE

MATHEMATICS

See announcement of the Department of Physics and Mathematics.

DEPARTMENT OF PHYSICS AND MATHEMATICS*

PROFESSOR GODDARD†, ASSOCIATE PROFESSOR MELVILLE, ASSOCIATE PROFESSOR ROOPE, ASSISTANT PROFESSOR MARTIN[1], MR. GUNTER[2]

UNDERGRADUATE WORK IN PHYSICS

The aim of the undergraduate work in physics is to give to students a knowledge of the principles which are at the basis of modern applications of science to human affairs. It is deemed equally desirable to impart a knowledge of the methods and results of modern physics which are influencing so profoundly our fundamental concepts and without which no one may hope to be considered liberally educated. The department aims also to fit students with professional preparations for chemistry, meteorology and allied sciences, medicine, engineering and science teaching, as well as for professional or graduate work in physics.

Students should note that Physics 11 is a prerequisite for all other courses in physics here listed; also, that courses numbered 15 or higher require the use of "calculus" and should not be elected without consulting the instructor in charge.

Courses 15, 16 and 17 each require a limited amount of laboratory work to be done at the discretion of the instructor and at such a time that it will not interfere with regularly scheduled courses.

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*Since September, 1933, the Department of Mathematics has been combined with the Department of Physics, with Professor Goddard as chairman of the combined departments.

†Absent on leave, 1934–.

[1] To February, 1941.

[2] From February, 1941.

GRADUATE WORK IN PHYSICS

The department has, in recent years, accepted candidates in physics only for the degrees of Doctor of Philosophy and of Master of Arts. Emphasis is placed both upon mathematical physics and upon the completion of an original research problem for which work the laboratories and library provide adequate facilities.

UNDERGRADUATE WORK IN MATHEMATICS

Courses in mathematics are offered at the undergraduate level only. Freshman mathematics (algebra, trigonometry and elementary analytical geometry) is offered in two courses to which students are assigned on the basis of "placement examinations." A second year course including analytical geometry and the calculus is offered to those who complete either of the freshman courses. In addition, Mr. Melville offers such advanced courses, or courses in applied mathematics, as may be required from time to time, depending on the interests of the students. Mr. Roope has offered a course in applied mathematics, chiefly calculus, in 1940–41.

COURSES IN PHYSICS

1. Primarily for Undergraduates

11. General Physics. During the first semester, the work covers mechanics and heat, and during the second semester, electricity and magnetism, wave motion, sound, and light. The textbook is Foley's *College Physics.* Mathematics 10 or 11 is advised, but not required. Indivisible course.

Open to freshmen.

Through the year. M. W. F., 10; W., 2. Mr. Roope

13. History of Physics. A conference course on the history of the various branches of Physics. This course is not accepted as part of a *major* or a *minor.* Prerequisite, Physics 11.

Through the year.

Omitted, 1940–41.

14. Mechanical, Optical and Electrical Measurements. During the first semester this course consists of electrical measurements with advanced problems in optics. In the second semester the course consists of laboratory exercises in dynamics, followed by advanced problems in heat.

Through the year. Tu. W. F., 2. Mr. Martin, first semester
Mr. Gunter, second semester

15. Thermodynamics. This course includes a study of the thermal properties of the solid, liquid, and gaseous states, the laws of thermodynamics, and applications to a wide range of phenomena. Prerequisite, Physics 11.
Through the year. M. W. F., 9. MR. ROOPE

16. Optics. Geometrical and physical optics including work in practical photography. Prerequisite, Physics 11.
Through the year. M. W. F., 9. MR. ROOPE
Omitted, 1940–41.

17. Introduction to Modern Physics. An elementary treatment of physical experiment and theory of the past fifty years including the more recent atomic and nuclear developments.
Through the year. M. W. F., 10.
Omitted, 1940–41.

2. FOR GRADUATE STUDENTS AND ADVANCED UNDERGRADUATES

22. Theoretical Mechanics. This course is a systematic presentation of theory together with the solution of problems. The textbook is Crew and Smith, *Mechanics for Students of Physics and Engineering*. Mathematics 12 or Applied Mathematics 1 must be taken before or with this course.
Through the year. M. W. F., 8. MR. ROOPE
Omitted, 1940–41.

23. Theory of Electricity and Magnetism. This course treats the general principles of dynamo and motor design, high-frequency phenomena and the electron theory of matter. The prerequisites are Physics 11 and Mathematics 10 or 11; Mathematics 12 or Applied Mathematics 1 must be taken before or with this course. A knowledge of differential equations is desirable.
Through the year. M. W. F., 10. MR. MARTIN, first semester
MR. GUNTER, second semester

27. Preliminary Mathematical Physics. This course involves reading on specially assigned topics. The object is to provide a comprehensive background for advanced work in physics. Open to undergraduate majors in physics.
Through the year. MR. ROOPE
Omitted, 1940–41.

28a. Laboratory Methods. A course in the methods of preparing and presenting the results of experiments and the preparation

by each student of a report on at least one assigned topic that involves reference tables and literature. Prerequisite, Physics 11.
Half course, first semester. M. W. F., 10. MR. ROOPE
Omitted, 1940–41.

216. Seminar. Open to all physics students. Occasional meetings. No credit. THE STAFF OF THE DEPARTMENT

3. PRIMARILY FOR GRADUATE STUDENTS

34. Advanced Mechanics. This course includes vector analysis, the equations of Lagrange and Hamilton, the methods of Hamilton and Jacoby, and Newtonian and logarithmic potential functions together with a discussion of applications to various branches of physics.
Three hours, through the year. M. W. F., 11.
Omitted, 1940–41.

35. Advanced Electricity and Magnetism. The theory of electricity and magnetism is treated from the classical and the modern viewpoints.
Three hours, through the year. Tu. Th. S., 11. MR. ROOPE
Omitted, 1940–41.

36. The Partial Differential Equations of Mathematical Physics. Included in this course are vector analysis, the methods of Cauchy and Fourier, developments in series, the methods of Green and Riemann-Volterra, normal functions, and integral equations.
Two hours, through the year. MR. GODDARD
Omitted, 1940–41.

37. Research Work in Physics. Research work on an original problem in physics. Required of candidates for the master's degree.
MR. ROOPE

311. Methods of Mathematical Physics.
Three hours, through the year. MR. GODDARD
Omitted, 1940–41.

312. Theory of Elasticity and Dynamics of Fluids.
Three hours, through the year. MR. GODDARD
Omitted, 1940–41.

313. X-Rays.
Three hours, through the year. MR. ROOPE
Omitted, 1940–41.

314. Tensor Calculus with Applications in Physics.
Three hours, through the year. Tu. Th. S., 10. MR. ROOPE
Omitted, 1940–41.

315. Research Work in Physics. Research work on an original problem in physics. Required of candidates for the degree of Doctor of Philosophy.
Omitted, 1940–41.

316. Seminar and Research Conference. A seminar on modern theories of physics, together with conferences on current literature and on the researches in progress.
Once a week, through the year. W., 4–6.
Omitted, 1940–41. STAFF OF THE DEPARTMENT

317. Selected Topics in Modern Physics.
Three hours, through the year. F., 2–5.
Omitted, 1940–41.

318. Relativity and Wave Mechanics.
Three hours, through the year. M., 2–5. MR. ROOPE
Omitted, 1940–41.

COURSES IN MATHEMATICS

NOTE: *Only freshmen or sophomores may elect Mathematics 10 or 11 for full credit. Juniors or seniors who complete the work of either of these courses will receive credit for two-thirds of a course.*

10. Freshman Mathematics. For students whose preparation is not adequate for course 11. Algebra, trigonometry and graphics.
Open to freshmen.
Through the year. Tu. Th. S., 8. MR. MELVILLE

11. Freshman Mathematics. For students whose records in "placement examinations" create an expectation that they will be able to proceed more rapidly than those assigned to course 10. Algebra, trigonometry and elementary analytical geometry.
Open to freshmen.
Through the year. Tu. Th. S., 8. MR. MARTIN, first semester
MR. GUNTER, second semester

12. Second Year Course. Analytical Geometry, Differential and Integral Calculus.
Through the year. Tu. Th. S., 11. MR. MELVILLE

13. Calculus and Differential Equations.
Through the year. M. W. F., 11. Mr. Melville

14. Selected Topics from Analysis and Geometry. In 1939–40, a study of Hardy, "Pure Mathematics."
Through the year. Mr. Melville
Omitted, 1940–41.

15. The Foundations of Algebra.
Through the year. Tu. Th. S., 9. Mr. Melville

APPLIED MATHEMATICS

1. Applied Mathematics. Principally calculus, with special attention to the mathematical formulation and solution of practical problems. Mr. Roope
Through the year.

DEPARTMENT OF PSYCHOLOGY AND EDUCATION

DIVISON OF PSYCHOLOGY

Professor Vernon Jones, Professor Cattell, Associate Professor Super, Assistant Professor Brown, Assistant Professor (Affiliate) Rosenzweig

DIVISION OF EDUCATION

Vernon Jones, *Professor of Educational Psychology*
Donald E. Super, *Associate Professor of Educational Psychology*
With the co-operation of:
Wallace W. Atwood, *President of the University and Professor of Physical and Regional Geography*
Philip H. Churchman, *Professor of Romance Languages*
Robert S. Illingworth, *Professor of Dramatic Art*

DIVISION OF PSYCHOLOGY

LABORATORY FACILITIES

The psychological laboratories at Clark University were established by G. Stanley Hall immediately after the founding of the university, and constituted the first adequately appointed laboratories in this field in America. These laboratories, under the direction of Edmund C. Sanford and John W. Baird, increased rapidly in size and in research possibilities. The university provides an annual appropriation sufficient for the purchase and manufacture of any apparatus that may be required for general and special investigations.

UNDERGRADUATE WORK

The aim of the department in its undergraduate work is to give as broad a knowledge as possible of the more significant aspects of psychology. This includes courses leading to graduate work in psychology and also courses involving the application of psychological principles to education.

Students majoring in the department will be divided into three groups: first, those who plan to do graduate work in psychology, second, those interested in general psychology but not contemplating graduate work at Clark University, and third, those interested in educational psychology and education. The requirements for each of these classes are somewhat different and all students who are interested should apply to the department for detailed requirements.

GRADUATE WORK

Courses. Students who come well prepared for beginning graduate work, i.e., with adequate training in elementary psychology supplemented by satisfactory training in allied fields, may expect to devote nearly all their time during the first year to advanced course-work. Such students will need to devote about half their time to course-work during their second year, and may expect to give the major part of their time to research after the second year.

Degrees. The general university requirements for the master's degree appear elsewhere in this catalogue. The department will supplement these requirements in individual cases where it seems wise to do so. Students planning to become candidates for the master's degree should confer with members of the staff as early as possible in order that a suitable thesis subject may be determined.

Only graduate students with superior records are encouraged to become candidates for the doctor's degree. Such candidates will be required to obtain exact information concerning all the significant methods of psychological research and to demonstrate actual ability to use one or more of these methods in an original research which will usually extend over a period of at least two years.

COURSES IN PSYCHOLOGY

1. Primarily for Undergraduates

11. General Psychology. A general introduction to the study of human behavior from the genetic and experimental points of view. Prerequisite sophomore standing.
Through the year. M. W. F., 10.
Mr. Cattell and Mr. Brown

12a. Psychology of Vocational and Educational Adjustment. The applications of psychology to the problems of learning and vocational choice.
Half course, first semester. M. W. F., 9. Mr. Super

180. Introduction to Philosophy. A general introduction to the problems and systems of philosophy.
Through the year. M. W. F., 9. Mr. Brown

2. For Graduate Students and Advanced Undergraduates

200a. Social Psychology. A survey of the experimental investigations of group structure and group behavior. Some of the contributions of anthropology to problems in this field will be reviewed. The adjustments between individuals and society also will receive attention.
Half course, first semester. Th., 12–1; F., 4–6. Mr. Cattell

201a (Education 201a). Educational Psychology. A study of Psychology as it bears upon the problem of education.
Two hours, first semester. F., 4–6. Mr. Jones

202b (Education 202b). Individual Differences and Exceptional Children. The course will include a study of the bright, the dull, the psychoneurotic, and the delinquent child.
Two hours, second semester. F., 4–6. Mr. Jones

206b (Education 206b). Psychology of Adolescence. A study of adolescent development, emphasizing the interaction of the individual, the group, and the culture.
Two hours, second semester. Th., 4–6. Mr. Super
Omitted, 1940–41.

207b. Social and Cultural Factors in Genetic Psychology. This course concentrates on the rôle of social influences and the

cultural background in shaping the personality and determining the developmental conflicts of the individual. It also investigates social psychological factors through analysis of the mutual interaction of society with the leader, the criminal, and the genius.
Half course, second semester. Th., 2; F., 4–6. MR. CATTELL

212. Experimental Psychology. A general survey of experimental psychology involving detailed experience with laboratory apparatus. Six hours in the laboratory and one lecture weekly.
Through the year. Tu., 9. MR. BROWN

22b. Dynamics of Abnormal Behavior. A survey of the chief types of abnormal behavior—psychoses, neuroses, somnambulism, and telepathy. Emphasis will be placed on the dynamics common to both normal and abnormal manifestations. A series of practical demonstrations at the Worcester State Hospital and theoretical discussions of factors underlying such deviations will be included. For pre-medical students and advanced students in psychology.
Half course, second semester. M., 11; F., 11–1.
MR. ROSENZWEIG

3. PRIMARILY FOR GRADUATE STUDENTS

302. Genetic Study of Normal and Abnormal Personality. Personality will be investigated by clinical, experimental, and biological approaches. A survey of the influences of nature and nurture in determining personality will be included.
Two hours, through the year. W., 2–4. MR. CATTELL

303 (**Education 303**). **Guidance of Adolescents.** The basic assumptions of guidance and methods and techniques will be studied during the first semester. The second semester will be devoted largely to case studies and field work.
Two hours, through the year. S., 9–11. MR. SUPER

307a. The Learning Process. A detailed study of the literature of experiments on learning.
Three hours, first semester. MR. BROWN
Offered in 1940–41 and in alternate years.

310b (**Education 310b**). **Psychology of Character Development.** A survey and critical evaluation of the experimental evidence in the field of character development.
Two hours, second semester. S., 11–1. MR. JONES

313a (Education 313a). Statistical Methods. The purpose of the course will be primarily to give practice in the statistical methods most valuable for psychological experimentation.
Two hours, first semester. Th., 4–6. MR. JONES

314 (Education 314). Advanced Educational Psychology: Tests and Measurements. A study of various measures of aptitude, achievement, interest, and attitude. Some practice in the use and interpretation of these methods will be provided. During the second semester attention will be given to test construction and validation.
Two hours, through the year. MR. SUPER, first semester
MR. JONES, second semester

317b. Factor Analysis. An inquiry will be made, by practical methods and the use of research data, into various methods of factor analysis as they throw light on abilities and personality patterns. Other recent statistical tools, notably the analysis of variance, will also be discussed.
Two hours, second semester. Tu., 2–4. MR. CATTELL

320a. Advanced Experimental Psychology: Sensory Processes. A study of the functions of the sense organs.
Three hours, first semester. Tu. Th. S., 9. MR. BROWN
Omitted, 1940–41. Offered in alternate years.

340. Departmental Seminar.
THE STAFF AND VISITING SPEAKERS

350. Research in Psychology.
THE STAFF OF THE DEPARTMENT

DIVISION OF EDUCATION

In 1936 the trustees of the university voted to establish a Department of Education designed primarily to offer work leading to the degree of Master of Arts in Education. Beginning with the academic year 1940–41, the Department of Education has been combined with the Department of Psychology in the Department of Psychology and Education.

It has become increasingly evident that candidates for the bachelor's degree who include a few courses in education in their undergraduate programs are not being adequately prepared to meet the demands for scholarly and professional training required by the better school systems. The Department of Education was established with the aim of providing a fifth year of well-organized professional work for students who are interested in preparing for educational work, particularly at the secondary school level. A limited number of courses will be open to juniors and seniors in the undergraduate division upon the consent of the instructor, but the department recommends that undergraduate students concentrate upon the subject-matter fields in which they desire to teach, reserving for the fifth year the professional work in the theory and practice of education.

The requirements for the degree of Master of Arts in Education cannot be adequately stated in terms of courses to be taken, because the evaluation of the work of each student will be made on the basis of achievement rather than on the basis of courses completed. However the minimum essentials in terms of course requirements are outlined below.

UNDERGRADUATE WORK

Properly qualified students of the junior and senior classes may, upon the approval of the instructor, register for any of the courses offered by the department which are designated by a number beginning with the figure 2.

In keeping with the general plan to offer in five years a well-rounded program of teacher training with emphasis on the professional aspects of the training in the fifth year, *an undergraduate major in education is not offered.*

GRADUATE WORK

The rules and regulations stated in the current catalogue (See "Graduate Division"—"Rules and Regulations") as applicable to the degree of Master of Arts also govern the degree of Master of Arts in Education with the following changes and additions:

Course requirements. The student will be expected to elect one of the following groups of studies as the field in which he wishes to teach:

(a) Mathematics and natural sciences
(b) History, geography, and economics
(c) Ancient and modern foreign languages
(d) English, alone or in combination with some related subject

Prior to receiving the degree, the candidate must have completed not less than five year-courses in one of the above groups, or in a combination of groups approved by the Division of Education.

At least one year-course of the five must be taken during residence for the advanced degree and must be passed with a grade satisfactory for graduate credit. In addition to the above requirement in the subject-matter field, sixteen semester hours of graduate work in education will normally be required of the candidate during residence. The program of courses to yield these sixteen hours must be approved in advance by the department. Changes in the proportion of education and subject-matter courses may be made by the department on the basis of the candidate's previous training. Work, additional to the above requirements, either in the subject-matter field or in education, or both, may be required if this seems necessary for the adequate preparation of the candidate.

Thesis. The candidate must present a "thesis," or "special report," in which he demonstrates not only his grasp of the subject-matter which he plans to teach but also a mastery of the educational principles necessary for such teaching. The thesis will be adapted to the vocational needs of the candidate and will not be regarded as an index of his capacity for research. In this respect it will differ somewhat from the thesis required of candidates for the degree of Master of Arts in other fields.

COURSES IN EDUCATION

2. For Graduate Students and Advanced Undergraduates

201a. (Psychology 201a) Educational Psychology. A study of psychology as it bears upon the problem of education.

Two hours, first semester. F., 4–6. Mr. Jones

202b. (Psychology 202b) Individual Differences and Exceptional Children. The course will include a study of the bright, the dull, the psychoneurotic, and the delinquent child.

Two hours, second semester. F., 4–6. Mr. Jones

204b. The Teaching of Modern Languages. A study of the major problems in the teaching of French. Incidental reference will be made to German and Spanish. Prerequisite, third-year college French or German course, taken previously or at the same time.

Half course, second semester. Mr. Churchman

To be omitted, 1941–42. Offered in alternate years.

205a. The Teaching of English. Methods of teaching poetry, drama, novel, short story, oral and written composition.

Half course, first semester. M., 4–6, third hour to be arranged.
Mr. Illingworth

206b. (Psychology 206b) **Psychology of Adolescence.** A study of adolescent development emphasizing the interaction of the individual, the group and the culture.
Two hours, second semester. Th., 4–6. MR. SUPER
Omitted, 1940–41.

3. PRIMARILY FOR GRADUATE STUDENTS

303. (Psychology 303) **Guidance of Adolescents.** The basic assumptions of guidance, methods and techniques, will be studied during the first semester. The second semester will be devoted largely to case studies and field work.
Two hours, through the year. S., 9–11. MR. SUPER

308a. Principles of Secondary Education. A survey of the aims, responsibilities, and general methods in secondary education.
Two hours, first semester. S., 11–1. MR. JONES

309b. Historical Development of Modern Education. The development of modern education in its intellectual and social setting from the time of the Reformation to the present day, with emphasis on American education.
Two hours, second semester. W., 4–6. MR. SUPER

310b. (Psychology 310b) **Character Development.** A survey and critical evaluation of the experimental evidence in the field of character development.
Two hours, second semester. S., 11–1. MR. JONES

313a. (Psychology 313a) **Statistical Methods.** The purpose of the course will be primarily to give practice in the most valuable statistical methods for educational and psychological experimentation.
Two hours, first semester. Th., 4–6. MR. JONES

314. (Psychology 314) **Advanced Educational Psychology: Tests and Measurements.** A systematic and critical survey of psychological and educational tests. Both theoretical and applied aspects of testing will receive consideration.
Two hours, first semester. W., 4–6. MR. SUPER
Two hours, second semester. Th., 4–6. MR. JONES

315. Apprenticeship Teaching. An informal course consisting of extensive apprenticeship work in the field or fields in which the student plans to teach. Individual supervision to be given by the department and by critic teachers in co-operating schools.

Two hours. Time to be arranged individually with each student.
CRITIC TEACHERS AND MR. JONES

316b. Geography in Education.
Two hours, second semester. Tu., 4:20–6. MR. ATWOOD, SR.
Omitted, 1940–41.

DEPARTMENT OF ROMANCE LANGUAGES

PROFESSOR CHURCHMAN, ASSOCIATE PROFESSOR DOUGHERTY

Undergraduates should consider carefully the statement of the general requirement in foreign language, for candidates for the A.B. degree.

The French courses are planned with the following ends in view: French 11 and 12 are the basic language courses. To the student who has completed 12, courses 13 and 14 offer respectively an option between a continuance of general language work and a course limited to translation and literature; both may be taken. Those who wish to continue the study of literature after taking 14 will take course 114, followed by the reading seminars in which the literature is studied intensively; those interested primarily in the study of the language will take 13 and then 17. Course 17 is especially valuable for prospective teachers of French, for whom Education 204b, the Teaching of Modern Languages, may also be of interest.

A major in romance languages may be made up from any reasonable sequence of four or five courses at or above the level of 13 or 14 with two or three approved courses in another foreign language or literature, in English or in history. French 11 and 12 and Spanish 11 may not be counted for a major without the consent of the department.

COURSES IN FRENCH

1. PRIMARILY FOR UNDERGRADUATES

11. The Reading Approach to French—For Beginners. Incidental aural work, elements of pronunciation. Indivisible course.

Open to freshmen.
Through the year. M. W. F., 11. MR. CHURCHMAN
Omitted, 1940–41. Offered in alternate years.

12. Intermediate. Extensive reading, exercises in composition and pronunciation. Prerequisites, French 11 or two years of high school French. Indivisible course.
Open to freshmen.
Through the year. M. W. F., 8. MR. DOUGHERTY

NOTE: *Courses 13 and 14 are of approximately equal difficulty. Either may be taken upon the satisfactory completion of French 12 or three years of high school French, but admission of freshmen to course 13 is restricted to specially qualified students.*

13. Composition and Pronunciation. The objective of this course is the correct writing, pronunciation, and aural comprehension of present-day French.
Open to freshmen, subject to the approval of the instructor.
Through the year. M. W. F., 9. MR. DOUGHERTY
To be omitted, 1941–42. Offered in alternate years.

14. Readings in French Literature. The aim of French 14 is two-fold: the attainment of facile reading ability and a general view of modern French literature based upon a detailed study of ten works of representative authors.
Open to freshmen.
Through the year. M. W. F., 10 and 11.
MR. DOUGHERTY AND MR. CHURCHMAN

113. Introduction to French Civilization. A selective survey of the history, art, literature, and music of France, from the Middle Ages to the present time, given in co-operation with the Worcester Art Museum. Weekly two-hour meetings at the museum are divided between lectures and the showing and discussing of lantern slides and photographs, and, occasionally, the playing of phonograph records. A third hour weekly at the College is arranged for undergraduates. Ordinarily, it is expected that students will have completed French 14 before taking this course, inasmuch as a reading knowledge of the language is highly desirable.

French 113 may be counted in fulfillment of the general requirement in art, music and literature, but not in fulfillment of the requirement in foreign language.
Through the year. W., 4:15; F., 12. MR. DOUGHERTY
To be omitted, 1941–42. Offered in alternate years.

114. General View of French Literature. A unified and fairly complete account of French literature from the beginning to the present time. Prerequisite, course 14.
Through the year. Tu. Th. S., 12. MR. CHURCHMAN
Omitted, 1940–41.

NOTE: *Not more than two of the courses in literature listed below are offered each year. They are restricted to qualified students and are conducted as reading seminars, devoted to wide reading, partly prescribed, and partly along lines suggested by the student's preference, but under guidance by the instructor. Weekly conferences. A short thesis is required in each semester. Before undertaking any of these courses it is ordinarily assumed that the student will have completed French 114 with a grade not lower than B and will have given evidence of ability to do advanced work by himself.*

15. Literature of the Seventeenth Century.
MR. DOUGHERTY

115. Literature of the Middle Ages. MR. DOUGHERTY

16. Literature of the Nineteenth Century.
MR. CHURCHMAN

116. Literature of the Sixteenth Century.
MR. CHURCHMAN

19. Literature of the Eighteenth Century.
MR. DOUGHERTY

119. Contemporary Literature. MR. CHURCHMAN

17. Phonetics, Advanced Composition and Oral Work. Intensive linguistic work for intending teachers and other advanced students. Prerequisite, course 13.
Through the year. M. W. F., 10. MR. CHURCHMAN
Omitted, 1940–41. Offered in alternate years.

Education 204b. The Teaching of Modern Languages. See announcement of "Department of Psychology and Education."
Half course, second semester.
To be omitted, 1941–42. Offered in alternate years.
MR. CHURCHMAN

COURSES IN SPANISH

1. Primarily for Undergraduates

11. Elementary. Carefully graded reading; exercises in grammar and pronunciation. Attention is paid to the artistic and cultural achievements of Spain and of Spanish America. Indivisible course.

Open to freshmen.
Through the year. Mr. Dougherty
Offered, 1940–41, in second semester only, five hours weekly as equivalent of *one course.*

12. Intermediate. Combination of readings from Spanish literature with more advanced study of the language, oral and written, and special study of South America. Prerequisite, course 11 or two years of high school Spanish.

Open to freshmen.
Through the year. Tu. Th. S., 10. Mr. Churchman
To be omitted, 1941–42. Offered in alternate years.

COURSE IN RECREATIONAL LEADERSHIP

Recreational Leadership 1. As a temporary expedient, a course entitled "Recreational Leadership: Theory and Practise" is offered by Mr. Whitman and Mr. Bernard in 1940–41. Such a course is regarded as an immediately practical contribution to the national emergency. The course consists of two lecture periods per week and one afternoon of laboratory work or its equivalent per week. A text book is used and regular assignments are given in it. An enrolment of not over fifteen is permitted and preference is given to members of the three upper classes, twenty years or more in age. The course emphasizes the mass point of view in its training for recreational leadership. This course is not intended to meet any of the divisional requirements for graduation.

Through the year. Mr. Whitman and Mr. Bernard

Degrees Conferred

In the Calendar Year 1940

BACHELOR OF ARTS

Eugene Jacob Balcanoff
Raymond Douglas Balcom
  (With High Honor in General Course and honors in Economics and Sociology)
Edward Gerard Becker
Lewis Harrower Beckford
Merrill Philip Benoit
Sumner Abraham Berlin
Benjamin Bernstein
Robert John Carini
  (With Honor in General Course and honors in Psychology)
Lawrence Edward Dolan
Philip Vincent Donohue
Robert Irwin Edwards
Julian Franklyn Feingold
John Breen Foley
William Bex Foxhall
Paul Fram
Richard Alexander Guenther
Saad Paul Haddad
Theodore Merritt Hargen
John Henry Hartnett, Jr.
  (With honors in Economics and Sociology)
George Bligh Hearn
John Swift Hebberd
Robert Norman Hennessy
Charles Neil Hotchkiss
Louis Sidney Hurwitz
  (With Honor in General Course and honors in Economics and Sociology)
Bennet Carl Kessler
  (With honors in Romance Languages)
Joseph Henry Killelea
Bernard Thomas King
Walter Emery Lang, Jr.
Charles Norman LaPrade
Knute Gunnar Alfons Larson
Amos Joseph Lessard
  (With Highest Honor in General Course and honors in Romance Languages)
Charles MacMurtry Litchfield
Robert Scott Milne
John Francis Moriarty
Hanna Anthony Namen
Morris Nierman
Philip Augustin O'Brien
John Joseph O'Connor
  (With Honor in General Course)
George Fred Pappas
Samuel Joseph Perrone
Robert Frederick Powers
Toimi Kosti Raisanen
Harold Daniel Rome
Thomas Lowell Salter
Matthew Linzee Sands
  (With Honor in General Course and honors in Physics and Mathematics)
John Joseph Shannon
  (With honors in History and International Relations)
Howard Clarence Steere
James Joseph Taparowsky
Emrys Price Thomas
Sidney Dayton Upham
Eugene Leonard Watkins
  (With honors in Biology)
Elliot Samuel Wolk

BACHELOR OF EDUCATION

Catherine Mary Cahill
Grace Virginia Carlson
Grace Loretta Carney
Mary Early
Eugene Josephat St. Marie
Gertrude Maynard
Charlotte Harrington Scott
Mary Agnes Sullivan
Ethel Gladys Ward

MASTER OF ARTS

Ivan J. Birrer
Francis Gerald Clark
Veva Kathern Dean
Helen Elizabeth Dillon
John Clark Erskine
Albert Humphries Farnsworth
Solomon Norman Feingold
Helene Feldman
Russell Hunt Fifield
Ralph Roger Goodwin
Joan Elizabeth Hensel
Esther Priscilla Kinch
Frances Muriel Lathrope
Anastasia Leightizer
Archie Marion Macaulay
Richard Blazo Martin
Mary Christine Masoomian
Yetta Menter
Margaret Warwick Newell
Geneva Helen Penley
Agnes Cecelia Renner
Seymour Bernard Sarason
Frank Andrew Taylor, Jr.
John Lewis Taylor
Vera Jeanne Wantman
Alathier Adair Warren
William Lloyd Yeomans

MASTER OF ARTS IN EDUCATION

Dorothy Ann Brophy
Ralph Ludvig Carlson
William Charles Herrmann
James Alfred McInerny
Edward Francis Nugent
Sylvia Ann Roper
Lyndwode Norton Lee Smart
Mary Katherine Tracy
William Thomas White

DOCTOR OF PHILOSOPHY

Trevor Lloyd
Eugene Herbert Miller
Jessie Ashworth Miller
Howard Eastman Page
George Etzel Pearcy
Rose Zeller

HONORARY DEGREES

Hu Shih	Doctor of Laws
Johannes A. C. Fagginger Auer	Doctor of Letters

SUMMARY

Degrees in Course		Honorary Degrees	
Bachelor of Arts	52	Doctor of Laws	1
Bachelor of Education	8	Doctor of Letters	1
Master of Arts	27		
Master of Arts in Education	9		
Doctor of Philosophy	6		

Register

Names of students are grouped in four lists. I, graduate students, college students, and special students in attendance during the regular academic year; II, those who attended the 1940 Summer School; III, extension students; IV, candidates for the degree of Bachelor of Education.

I. GRADUATE STUDENTS, COLLEGE STUDENTS AND SPECIAL STUDENTS IN ATTENDANCE DURING THE REGULAR ACADEMIC YEAR

Explanation: S—scholar; F—fellow; HF—honorary fellow; TF—teaching fellow; numerals 41, 42, 43, and 44 are used to classify undergraduates; g—students formally admitted to the graduate division; s—special students; Al—ancient languages; B—biology; Ch—chemistry; Ec—economics and sociology; Ed—education; En—English; G—geography; Gl—geology; Ger—German; H—history and international relations; IA—international affairs; M—mathematics; Mu—music; Ps—psychology; Rl—romance languages.

State omitted—Massachusetts; town omitted—Worcester; street names refer to streets unless otherwise indicated.

This list includes the names of all who have matriculated and registered. An asterisk (*) indicates that the student has withdrawn from the University prior to March 15, 1941. A dagger (†) indicates enrollment for the second semester only.

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
Adkinson, Burton Wilbur	G F	San Diego, Calif.	Estabrook Hall
Albert, Myron Morton	42	Springfield	42 Freeland
Aljian, Richard D.	43	Jersey City, N. J.	4 Norwood
Allain, Donald	43		67 W. Boylston
Amback, Rae	44	Reading	Estabrook Hall
Anderson, Lloyd	44		67 Cedar
Anderson, Roy Stuart	43	Agawam	Estabrook Hall
Angelini, Hugo Dominic	42	Clinton	
*Angyal, Alice Fellner	Ps g		Worcester State Hosp.
Appenzeller, Robert George	43		74 W. Boylston
Argyropais, Lemonis John	G g	Greece	7 Gates
Augelli, John Patsy	43	Waterbury, Conn.	Estabrook Hall
Bagdikian, Ben Haig	41		29 Monroe Ave.
Barber, Clarence Lyle	Ec F	Wolsley, Sask., Can.	166 Woodland
Barberet, Gene Joseph	41	Oakville, Conn.	Estabrook Hall
*Barnes, Kenneth Wesley	Ch g	Whitinsville	
*Barrell, William Francis	44		634 Grafton
Barriere, John Ernest	42		37 Dayton
Bartimo, Frank Antonio	41	Leominster	17 Hammond
Bartimo, Kathryn D. Toomey	H F		17 Hammond
Bassett, Linton Junior	41	Orange	Worcester State Hosp.
Bayramshian, Joseph James	44	Millis	Estabrook Hall
Beaton, Stephen	Ed g	Millbury	
Becker, Herbert Richard	44		17 Bellingham Rd.
*Berberian, Anahid Margaret	Ec g		19 Beechmont
*Bergeron, Kenneth Taylor	Ph s		30 Robertson Rd.
Bergstrom, Harold Joseph	44		34 Arthur
Bernard, Jack	Ps S	Elmhurst, N. Y.	166 Woodland
Bernstein, Benjamin	Ed g		28 William
Betinis, William John	B F	Marlboro	166 Woodland
Birrer, Ivan J.	Ps F	Atwood, Kans.	166 Woodland
Blanchard, Cyrus Lloyd	43	Douglas	
*Bolduc, Alfred George	43	Fall River	2 Wyman
Bonofiglio, Nicholas Ralph	44		21 Branch
Boynton, Charles Frank	41	West Boylston	
Bradshaw, Marie Tullner	Ec S	Chicopee Falls	3 Shirley
Brandes, Frederick Millea	Ed g		106 Elm
Bratton, Francis Howard	Ch F	Elkton, Md.	4 Woodbine
Bray, Douglas Weston	Ps S	Chicopee Falls	
Bredice, Albert Louis	41	Norwalk, Conn.	Estabrook Hall
*Breen, James Joseph	Ed g		32 Gardner
Bresnick, Jack	42	Brookline	25 Grand
Brooks, Gordon Hamer	42	Cherry Valley	
Brooks, Kenneth Arthur, Jr.	44		17 McKinley Rd.
Brotherton, William Richard	44		18 Hitchcock Rd.
Brouillard, Robert Ernest	Ch F	Northbridge	
Brown, Dorothy Louise	H S	Oxford	
Budd, Celeste	G S	Dallas, Tex.	20 Loudon
Bullock, Robert Woods	41		35 Downing
Burbank, John Proctor	42		13 Beaconsfield Rd.

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
*Burner, Richard Meredith	Ed g		6 Ripley
Butler, Carol Francis	41		81 Kenwood Ave.
*Buyniski, Edward Francis	B g		914 Main
Carlo, James John	Ch s		5 Heardsleigh
†Carney, Grace L.	Rl s		2 Courtland
Carofaniello, Nicholas	44		14 E. Shelby
Carpenter, Edwin Kenneth	Ps g	Ludlow	
Carroll, Helen Sara	Ed g		1 Piedmont
Catani, Carl Louis	41		4 Downing
Chabot, Charles Albert, Jr.	41		1 Longfellow Rd.
Chase, Irving Edward	41	Everett	
Cheatham, Jennie Lenora	H S	St. Louis, Mo.	12 May
Chesley, Elwyn Vernes	44	Rowayton, Conn.	Worcester State Hosp.
Church, Herman Lloyd, Jr.	41	New York, N. Y.	Estabrook Hall
Chused, Samuel Harold	43	Haverhill	6 Charlotte
Clair, John Joseph	41		509 Grafton
Clarahan, Jean Winifred	H S	Floral Park, N. Y.	41 Beaver
Cleveland, Roger William	41	Watertown, Conn.	Estabrook Hall
Clough, Charles Irving	Ed g	Leicester	
Cohen, David Jerome	41	Malden	4 Hancock
Cohen, Harry Harrison	41		86 Houghton
Cohen, Leonard	44	Pittsburgh, Pa.	Estabrook Hall
Cohen, Oscar Paul	Ch F	Dorchester	21 Grand
Colberg, Paul Vincent	44		18 Stebbins
Coltrane, Marion Eugene	Ec g	St. Charles, Iowa	766 Main
Comeau, Norman Donat	43	Spencer	
*Cook, Ellsworth Barrett	B F	Springfield	166 Woodland
Coontz, Gustaf	41		28 Lenox
Cossaboom, Robert Thomas	41		14 Buckingham
*Costello, Angelo Bradley	En s		60 Gage
Costrell, Edwin Stanley	H F	Detroit, Mich.	106 Woodland
*Cotton, Bernard Samuel	44	Greenfield	Estabrook Hall
†Cox, Eleanor M.	Ed g		391 May
*Craig, William Walter	Ed g	Paxton	
†Crocker, Howard William	H F	Middleport, N. Y.	166 Woodland
Crommett, Alfred Freeman	43		56 Granville Ave.
Cross, Orrin Hartshorn	42	No. Girard, Pa.	80 Florence
*Cunningham, Arthur Aloysius	Ed g		54 Benefit
*Curtis, Katrina Ellen	Ed g	Woodville	
Curtis, Robert Lyman	Ph s		48 Beverly Rd.
*Dale, Jane	G g	Longmeadow	23 Chestnut
†Daly, Charles Francis	Ed g		486 Park Ave.
DeBartolo, Marie Virginia	H S	Hartford, Conn.	122 Woodland
DeLollis, Emidio Anthony	41		14 Liscombe
Denardo, Pat	43	Waterbury, Conn.	4 Hancock
Derry, Lawrence John	43		35 Beverly Rd.
Diliberto, Joseph Francis	Ph s	Brooklyn, N. Y.	4 Downing
†Dolan, Virginia Marie	Ed g		17 Rittenhouse Rd.
Donovan, Edward Gosselin	44		128 Paine
Donohue, Philip Vincent	s		6 Lowell
Doolittle, Clifford Holman	41	Spencer	
Duckworth, Howard George	Ed g	Bolton	
Duffy, James Lennon	Ec g		Holy Cross College
Dufresne, Roger Joseph	44	Shrewsbury	
Dunbar, Allen Stanley	43	Barre	766 Main
Dworkin, Daniel Martin	44		95 Grand View Ave.
Easton, Dexter Morgan	43	Lambertville, N. J.	2 Woodbine
Ebisch, Konrad Ernst	G F	Chicago Hgts., Ill.	166 Woodland
Edson, Richard Atlee	42	Gloucester	112 Woodland
Edwards, Robert Irwin	Ed g		18 City View
*Eichorn, John Clifford	H S	Mendota, Ill.	941 Main
Eldridge, James Lee	41	Leicester	
Ellis, Richard Baker	44	Oxford	
Ellison, Raymond Harold	42		54 W. Boylston Drive
English, Van H.	G S	Greeley, Colo.	166 Woodland
Everett, Lucius Theodore	41		Estabrook Hall
Factor, Robert Benjamin	44	Bridgeport, Conn.	Estabrook Hall
†Fallon, William G., Jr.	Ed g	Grafton	
*Fecteau, Albert Joseph, Jr.	42	Spencer	
Feldman, Max	41		128 Hamilton
Feuerstein, Sidney Sumner	42	Miami Beach, Fla.	21 Grand
Fiekers, Bernard Albert	Ch g	Holland	Holy Cross College

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
Fifield, Russell Hunt	H F	Readfield Depot, Me.	166 Woodland
Foley, John Francis	Ed g		42 Stoneland Rd.
†Fontaine, Mary Elizabeth	G g	Clarksdale, Miss.	14 Oberlin
Ford, Maxwell John	42	Northboro	Worcester State Hosp.
Forget, Robert Charles	44		2 Orient
Friedman, Harvey Leonard	43	Bridgeport, Conn.	112 Woodland
Frieswyk, Henry	42	Whitinsville	
†Frost, Carl Frederick	Ps g	Portland, Oreg.	Worcester State Hosp.
Gardner, Paul Joseph	44		23 Varnum
Gaucher, John Harry	44	Millbury	
*Gillett, Newell Elliot	G g		4 Bay State Rd.
Ginsburg, Edward Paul	42	Brookline	112 Woodland
Glazier, Raymond Eugene	43		12 Jones
Globerson, William	43	Albany, N. Y.	6 Charlotte
Glover, Everett Dow	41		2 Kilby
Goodale, Clara Elizabeth	Ec g		220 Highland
Goodstein, Bernard Jack	44		22 Hudson
Graff, Roger Stanley	43	Woodmere, N. Y.	112 Woodland
*Granger, Harold Joseph	Ed g	Bellingham	894 Grafton
Greenblatt, Robert Abraham	42	Dorchester	25 Grand
Gregory, Paul Michael	Ec F	Troy, N. Y.	166 Woodland
Grodberg, Marcus Gordon	44		112 Elm
Gross, Herbert Abraham	43	Norwalk, Conn.	112 Woodland
Gruss, Marvin Israel	44	Norwalk, Conn.	Estabrook Hall
Gudzinowicz, Benjamin John	44	Maynard	Estabrook Hall
Guss, Paul A. H.	42	South Norwalk, Conn.	112 Woodland
Haddad, William C.	Ed g		18 Wall
Hammarstrom, John Everett	43		46 Freeland
Handleman, Chester	41		33 Beeching
Hanlon, Eleanor E.	G F	Fayetteville, N. Y.	910 Main
Hanson, Paul Manfred	41		18 Gosnold
†Harkins, Edwin Charles	Ed g		75 Lancaster
Harris, Joseph Edmond	43		15 Westwood Drive
Hartop, William Lionel, Jr.	44	Shrewsbury	
Hastings, Leroy Nelson, Jr.	43	Shrewsbury	
Healy, Edward Michael	41	Watertown, Conn.	Estabrook Hall
Heath, Malcolm Austin	44		15 Boxford
Hebb, Douglas Charles	43		46 Kingsbury
Hebert, George Philip	43	Southbridge	
*Herrick, Eugene Howard	42	Rangeley, Me.	Estabrook Hall
Hickey, Francis Raymond	Ed g		262 Burncoat
Higginbottom, Arthur Raymond	Ed g	Millbury	
Hill, Helen Elizabeth	Ec S	Youngstown, Ohio	14 Oberlin
Hill, Raymond Bertil	42		60 Housatonic
Hirshberg, Sumner Donald	43	Medford	112 Woodland
Hoffman, James Livingstone	M s		33 Flagg
Hogerty, Frank Michael	44	W. Hartford, Conn.	Estabrook Hall
Hollows, Ernest William	43		64 Florence
Horan, Lorraine Catherine	Ed g		7 Grout Court
Horne, David Hamilton	42	Concord, N. H.	35 Maywood
Howe, Norman Edward	44	E. Pepperell	4 Riedl Pl.
Hubbard, Forrest Walker	41	Panama	20 Ripley
Huberman, Bertram Arnold	44	Brookline	Estabrook Hall
*Hulbert, Clifton Henry	G g		105 June
Hull, Richard Lester	41	Rockport	Estabrook Hall
Humphlett, Wilbert Jeptha	43	Feeding Hills	Estabrook Hall
Hunt, Ernest Raymond, Jr.	44		136 Stafford
Hunter, Richard Edward	41		3 Hockanum Way
Hurwitz, Louis Sidney	Ec S		8 Zenith Drive
Israel, Solomon	43	Groveton, N. H.	45 Hitchcock Rd.
Jacobson, Ishiah	43	Waterbury, Conn.	88 Houghton
Jankelson, Oscar Magnus	44		15 June
Johnson, Donald Ellis	H g	Harvard	6 Downing
Jones, Francis L.	H g		144 June
Jones, Malcolm Kent	43		15 Birch
Jordan,Robert Lincoln	42		19 Freeland
†Kane, Lawrence Thomas	43		36 Shirley
Karpoe, John Paul	42		628 Cambridge
Kaselis, Vincent William	44	Oxford	
*Keir, Stephen D.	44	Craftsbury Common, Vt.	Estabrook Hall
Kelly, Rita Louise	G g		87 Florence
Kelman, Edward Mark	41	Rochester, N. Y.	118 Woodland

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
†Kelman, Shirley Berghash	Ch s	Rochester, N. Y.	118 Woodland
Kentros, George Athan	44		70 Woodland
*Kiewiet de Jonge, Coen	43	New York, N. Y.	6 Downing
Killelea, Edward Thomas	41	Leominster	Estabrook Hall
Kilpatrick, Wallace Dorman	42	Morningdale	
King, Hanford Langdon	43		26 Kingsbury
Kirby, Francis A.	43	West Boylston	
Knight, Philip Warren	44		59 Hadwen Rd.
Kopelman, Bernard	Ch F	Dorchester	166 Woodland
Koskinas, Arthur Frank	44		8 Gold
Kostanick, Louis Huey	G S	Coverdale, Pa.	166 Woodland
Kramer, David	44	Dorchester	Estabrook Hall
Kroop, Esther	Ps S	Brooklyn, N. Y.	511 Park Ave.
Kudarauskus, Edmund Nicodem	41		2 Danvers
Kuhn, Donald William	42	Albany, N. Y.	35 Maywood
Kushlan, Bernard Shoub	H g, S	Milford	
Kutner, Elliott Robert	44	Brooklyn, N. Y.	Estabrook Hall
*Lahtinen, Allen Elmer	44	Lunenburg	
LaPlante, Bernard James	44		2 Wyman
*LaPrade, Albert Joseph	Ed g	Spencer	
*Laptewicz, Walter Joseph	44	Southboro	
LaRiviere, Robert Louis	43		20 Clement
*Larson, Knute G. A.	Ed g	Shrewsbury	
Laughlin, Arthur Bernard	41	Chelsea	Estabrook Hall
Leary, Henry Francis	Ed g		5 Almont Ave.
Lee, James Stewart	G g	Urbana, Ill.	55 Downing
Leipold, Louis Ernest	G g	Nickerson, Minn.	166 Woodland
Lenk, Charles Ernest	43	Cherry Valley	
Lennan, Albert Kendrick	43		65 Brantwood Rd.
Lesser, Marshall	44	New Haven, Conn.	11 Charlotte
Levin, Sumner Herbert	42	Brighton	112 Woodland
Lidstone, Frederick Bartlett	43		8 Catalpa
Little, Martin Henry	43	Millbury	
Lodding, Woodrow Charles	Ps S		5 Avalon Place
Longo, Vincent Joseph	43	Leominster	Estabrook Hall
Lopez, Manuel Hervé	41	Brooklyn, N. Y.	35 Maywood
Luebbe, Herbert	44	Upton	
Lukowski, Joseph Charles	42	Webster	Worcester State Hosp.
Lumb, Ralph Francis	43	Shrewsbury	
Lund, Clayton Reginald	41		14 Victoria Ave.
Lund, David Rolf	42	Washington, D. C.	31 Millbrook
† MacCarthy, Robert Eustace	Ed g	Hudson	
Macdonald, Donald	44	Putnam, Conn.	Estabrook Hall
Magoun, Warren Read	44	Nitro, W. Va.	Estabrook Hall
Malmquist, Carl Yale, Jr.	44		4 Coventry Rd.
Manarel, Raymond J.	s	Holley, N. Y.	35 Maywood
Mandell, Lena Lois	Ed g		197 May
†Mandeville, Kathryn Gladys	Ed g		45 Institute Rd.
Mann, Walter	44	Sterling	
Margolis, Benjamin	42		25 Marion Ave.
Marsh, Frank E.	43	Rutland	
Marsh, Robert T.	42	Northboro	
Martin, Richard Blazo	Ch F	Ashburnham	166 Woodland
Maslowski, Stanley Raymond	42	Indian Orchard	Estabrook Hall
Masters, John Henry	43		107 Lincoln
Masterson, Steven Alan	44		1241 Main
Matheson, Frederick Graham	IA F	Narberth, Pa.	2 Downing
Maykel, William George	42		255 Pilgrim Ave.
McCarthy, Bernard William	Ed g		15 Hitchcock Rd.
McGovern, Hugh Michael	44		5 Ives
McHugh, Francis Daniel	Ed g		11 Ives
McIntosh, Melvin, Jr.	44		78 Fairfield
McKean, Gertrude Louise	G F	Tacoma, Wash.	6 Birch
Melgren, Russell Carl	44		208 Vernon
Merriam, George Henry, 4th	44		11 Ferdinand
Merritt, Earl Arthur	44		28 Holden
Mikoloski, Edward Kasimir	41		154 Vernon
*Milewski, Romuald C. Benedict	44	South Boston	Estabrook Hall
Miller, Donald Martin	43	Dorchester	27 Wyman
Miller, John Thomas, Jr.	44	Watertown, Conn.	Estabrook Hall
†Mineau, Earl H. E.	B s	Leicester	
*Minnich, Charles Henry	Ed g	Fitchburg	
Mintz, Bernard Norman	42		23 Richmond Ave.
*Miskavich, Joseph Peter	44		4½ Sigel
Moberg, Wensel William	G g		4 Dybeck
Monfredo, Dominic John	Ed g		69 E. Central

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
Moore, Richard Frederick, Jr.	44	Bridgeport, Conn.	Estabrook Hall
Moore, Robert Lindo, Jr.	41		46 Queen
*Morey, Herbert W.	G F	Syracuse, N. Y.	80 Florence
Morgan, Charles Stebbins	43		7 Marwood Rd.
Morin, Philip Edward	42		36 Bridgeport
Morris, Charles Arthur	43		71 Malvern Rd.
*Murphy, Thomas Michael	Ed g		182 Grand
†Natalizi, John	H F	Syracuse, N. Y.	6 Hancock
Neleber, Seymour	44	Colchester, Conn.	Estabrook Hall
Nelson, Lester Henry	44		89 Lincoln
*Nelson, Paul Julian	42		14 Drummond Ave.
Nelson, Robert Alfred	41	Avon	19 Richards
Nestor, James Henry	Ps g	Fall River	767 Main
Newfield, Lillian Edith	H S		282 Highland
Niven, Jorma I.	Ps F		9 Channing
Norling, Milton Walter	B g	Quincy	166 Woodland
Norris, Forrest Harvey	43	Feeding Hills	16 Marble
Novicki, Thaddeus Joseph	43	New Haven, Conn.	19 Richards
*O'Connell, William Joseph	Ed g		77 Downing
O'Connor, James P.	42	Waterbury, Conn.	112 Woodland
Older, Harry Jay	Ps g	Hays, Kans.	939 Main
O'Leary, Mary Carroll	H g		33 May
Ollis, George Edwin	Ch s		30 Houghton
Olson, Earl Hugo	43		31 Halmstad
O'Neil, Edward George	41		6 Arlington
Orr, Harry Dawson	44		38 Bellingham Rd.
Ouellette, Gerard Arthur	41		121 Clark
Palley, Arthur	43		17 Havelock Rd.
Pappas, Dorothy Ellen	Ed g		125 Franklin
Pearson, Charles Mead	42		10 Dean
*Peele, Donald Stuart	42	Saginaw, Mich.	Estabrook Hall
*Peters, Louis	42		155 Pilgrim Ave.
Peterson, Elizabeth Gertrude	Ed g		5 Reeves
Phipps, Robert Bradford	41		13 Isabella
Pospisil, Helen Barbara	Ec S	Orange, N. J.	Auburn
Powers, James Joseph	Ed g		217 Beacon
Pride, George Howard	B g		93 Pleasant
Priest, Andrew George	44	Fitchburg	Estabrook Hall
Prue, Arthur Anton	44	Delmar, N. Y.	Estabrook Hall
Prunty, Merle, Jr.	G F	Newbern, Tenn.	9 Clifton
Puniskis, George John	42		27 Lafayette
Racine, Joseph Wilfred	44	Putnam, Conn.	Estabrook Hall
Radner, Sidney Hollis	43	Holyoke	Estabrook Hall
Raphaelson, Murton Edward	43		39 Florence
Reardon, John Paul	s		57 Granite
Rebstad, Kenneth Martin	42		175 Clover
Reiman, Earl Allen	43		63 Maywood
Reiner, Herbert	H F	Lancaster	
Reith, John William	G F	Lancaster, Pa.	166 Woodland
Rettig, Heinz	43		101 Holden
*Reynolds, Robert Williams	43	Thompson, Conn.	
Ritacco, Frank Edward	41		61 Orient
Roberts, Donald Mitchell	42	Spencer	
Ross, John Francis	41		62 Suffolk
Rotshtan, Nathan Jacob	s		95 Harrison
Rudman, Chester Landy	43	Newton Ctr.	56 May
Sagansky, Albert Paul	44	Brookline	Estabrook Hall
Sage, Walter Donald MacKinnon	H S	Vancouver, B. C., Can.	22 Benefit
Samuels, Robert Meharg	43	Denville, N. J.	4 Downing
Sandberg, Russell Godfrey	42		69 Greenwood
Sanderson, James Brander	43		10 Wabash Ave.
Sanderson, Kenneth Carlyle	44	Oxford	
Sarason, Seymour B.	Ps F	Newark, N. J.	166 Woodland
Sawicki, Robert Eugene	42		174 Vernon
*Sawyer, Ivers Sidney	44	Berlin	
Schadegg, Francis John	G g		31 Clifton
Schneider, Barney	44		17 Mendon
Schoepflin, Adolphe Joseph	42		19 Cardinal Rd.
Scotland, Robert Howe	42	Cochituate	19 Richards
Senter, Kenneth Alton	43		23 Dover
Shannon, John Joseph	H S		41 Ripley
Sherman, Joseph	44		17 Mason

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
*Shields, Richard J.	42	Agawam	71 Pleasant
Shine, Mary Frances	Ed g		67 Charlotte
Shopes, Louis John	43	Rochester, N. Y.	35 Maywood
Sides, William Edward	41		10 Ivernia Rd.
Sigel, Irving Edward	43		94 Houghton
*Simonian, Robert Abraham	44		145 Blithewood Ave.
Sinclair, Edward Elliot	44		12½ Goulding
Singer, John Jacob	42	Collingswood, N. J.	156 Woodland
Smith, Albert William	43	Hudson	
Smith, Arthur Kent	44		193 King Philip Rd.
Smith, George Herbert	43	Weeks Mills, Me.	1 Aster Place
Smith, Richard Maltbie	44	Albany, N. Y.	Estabrook Hall
Smith, Roscoe Sawtelle	Ch g		40 Westwood Drive
Southwick, Albert Brown	41	Leicester	
Spoerl, Dorothy Tilden	Ps F	Springfield	
Stanhope, William Russell	42	West Brookfield	
Stavrianos, Nick Stavros	44	Vancouver, B. C., Can.	Estabrook Hall
*Stead, Albert Theodore	Ed g		6 Norwood
Steere, Howard Clarence	Ed g		88 Elm
Stepanski, Matthew	42	Jersey City, N. J.	19 Richards
†Stephan, Leon LeMar	G F	Kent, Ohio	14 Claremont
Stevens, Lloyd Russell	43	Marlboro	
*Stewart, Daisy Eva	Ed g	Putnam, Conn.	
Stone, Bernard	41		30 Woodford
Stone, David Leon	43	Brookline	56 May
Stringer, Carl John, Jr.	44		33 Brandon Rd.
Strzelecki, Sigmond Richard	44		105 Sterling
Sullivan, Paul Joseph	Ed g		97 May
Sund, Kenneth Albert	44		28 Rodney
Swenson, Elof Folke	41		23 Mt. Vernon
*Taylor, Frank Andrew	Ec F	Elizabethton, Tenn.	166 Woodland
Terrill, Irving William	Ec s		3 Northampton
Thibault, Elizabeth Voorhees	G g		23 Summerhill
Thomas, Anthony S., Jr.	42, B s	Bristol, R. I.	766 Main
Thompson, John Henry	41		66 West
Thompson, Vincent Paul	44		365 Cambridge
Toristoja, Wilho Harold	Ch s	Ashburnham	
Travers, George Edward	42	Port Jefferson, N. Y.	Worcester State Hosp.
Tuerk, Ben, Jr.	44	Bayside, N. Y.	Estabrook Hall
Tufts, Donald Irving	42	Westboro	4 Downing
Tutko, Stephen A.	G g	Allentown, Pa.	11 Charlotte
*Tyborowski, Thomas Edward	44		1 Granite
Thornton, Jessie May	G g		270 Fairmont Ave.
*Underwood, Francis Milot	Ed g		1 Blair
Valentine, Leslie Warren	42		2 Woodbine
Vamvas, Anthony Demetrius, Jr.	43		100 Richmond Ave.
Varjabedian, Anthony	41		129 West
Viens, Roger George	41		178 Hamilton
Villemaire, Leonard Louis	43	Millbury	
Voight, Walter Richard	44	Niantic, Conn.	Estabrook Hall
† Vymetalik, Jindrich M.	H F	Czechoslovakia	166 Woodland
Wade, Alan Bennett	44		81 Providence
Wade, Harold Hamilton, Jr.	44		81 Providence
Warren, Arthur Bertrand	Ps F		117 Beaconsfield Rd.
*Warren, Arthur Bradley, Jr.	44	Hardwick, Vt.	Estabrook Hall
Weinberg, Mervin Jay	43	Roxbury	11 Brantwood Rd.
*Waterman, George Elwell	B s	Bradford	Assumption College
Weiss, Irving Myer	B s		8 LaGrange
West, Seymour I.	G g	E. Orange, N. J.	166 Woodland
West, Thomas Junior	41	Belmont	Estabrook Hall
*Wetherell, Alliston C.	Ed g	Auburn	
Wheeler, Russell Arthur	44		15 Windsor
Williams, Lloyd Arthur	43	Jersey City, N. J.	4 Hancock
Williamson, Mary Frances	G g	Cedar Grove, N. J.	20 Loudon
Winchester, George Albert	41		40 Clover
Winterbottom, Lemuel Joseph	En s	Paxton	
†Woodbury, Esther Kimball	Ps g		15 Kimball
*Wright, Cuthbert	Rl s	Elizabeth, N. J.	Assumption College
Yagjian, Ralph Avedis	42		3 Lapierre
Yanover, Morton Murry	44		69 Richmond Ave.
Yetvin, Ralph	44		49 Havelock Rd.
York, Robert Maurice	H F	Wilton, Me.	18 Shepard
Zebrak, Nathan	43		16 Wabash Ave.

II. SUMMER SCHOOL STUDENTS (1940)

Ackley, Margaret, Rochdale
Adams, Martha L., Worcester
Anderson, Geraldine, Ridgway, Pa.
Andrews, Forrest, Uxbridge

Baker, Mary L., Cambridge
Banks, Marian, Toronto, Can.
Barnes, Frances M., Winchendon
Bennett, John B., Worcester
Berg, Carl G., Worcester
Bergstresser, Robert S., Minersville, Pa.
Boniface, Dorothy C., W. Springfield
Borgeson, Evelyn J., Worcester
Bowler, Ruth C., Worcester
Brammell, James A., Washington, D. C.
Brosnan, Catherine A., Worcester
Brulé, Norman E., Boston
Burke, Beatrice, Hammond, Ind.
Burkill, Gracia M., Spencer
Burner, Richard M., Worcester
Burnham, Catharine A., Shelburne
Burns, Robert P., Worcester
Burton, Cassie B., Chattanooga, Tenn.
Burton, Dorothea E., Buffalo, N. Y.

Campbell, Charles B., Worcester
Carey, A. Blanid, Worcester
Carlson, G. Virginia, Worcester
Carney, Grace L., Worcester
Carofaniello, Nicholas, Worcester
Carroll, Helen S., Worcester
Catlin, Winton I., New Britain, Conn.
Cawley, Thomas J., Jr., Worcester
Collette, Myron G., Skowhegan, Me.
Cox, Catherine E., Chisholm, Minn.
Coyle, Jean, Norwich, Conn.
Creswick, Walter J. P., Toronto, Can.
Croce, Teresa M., Worcester
Cummings, Harold W., Hudson
Curry, William G., Jr., Carnegie, Pa.
Curtin, June, Worcester
Curtis, Katrina E., Woodville

Dolan, Katharine F., Worcester
Duckworth, Howard G., Bolton
Duffy, James L., Worcester

Eaton, Louise S., Worcester
Eaton, Robert H., Dudley
Enos, Joan P., Worcester

Flynn, Ann, Holyoke
Foxhall, Harry M., Worcester
Frieswyk, Henry, Whitinsville

Garde, Margaret, Ware
Gilligan, Frances O., Worcester
Goldberg, Selma, Worcester
Goodhue, Raymond, Worcester
Gough, Ruth, Worcester
Griffith, Robert K., Worcester
Guest, Dorcas, Princeton

Haddad, William C., Worcester
Haines, George H., Grove City, Pa.
Hall, Rachel W., Worcester
Halpin, M. Charlotte, Worcester
Handel, Hazel G., Cleveland, Ohio
Hargen, Theodore M., Worcester
Harris, J. Edmond, Worcester
Hastings, Beatrice I., Shrewsbury
Hill, Paul D. B., Stoneham
Holland, Lillian M., Bradford
Houle, Lawrence R., Warren
Houlihan, James D., Chicopee Falls
Howe, Helen A., E. Orange, N. J.

Jacobs, Irving, Worcester
Jillson, Myra H., E. Douglas
Johnson, Bertha A., Grafton
Johnson, C. Russell, Worcester
Jordan, Robert L., Worcester

Kelly, Rita, Spencer
Kerley, Grace, Holden
Kernozek, Aniela M., Worcester
Kimball, Estelle, Northboro
Kingsbury, Mildred L., White River Jct., Vt.
Kinniery, William M., Millbury
Korgen, Mollie, Cloquet, Minn.
Kudarauskas, Edmund N., Worcester
Kushlan, Bernard S., Milford

Ladd, Mary E., Burlington, Vt.
Leary, Henry F., Worcester
Lee, James S., Urbana, Ill.
Leslie, Robert D., Jr., Worcester
Levine, Murray, Worcester
Liard, Theodore J., Jr., Providence, R. I.
Lodding, Marjorie W., Worcester
Long, Alice M., Worcester
Long, Harriet R., Buffalo, N. Y.
Loughrey, Catherine R., Worcester
Lubaszek, Joseph J., Millbury
Lubaszek, Mary, Millbury

McCarthy, Bernard W., Worcester
McKeon, Florence, Worcester
McMillion, Ovid M., Washington, D. C.
McMullen, Mary E., Spencer
Macdonald, Donald, Putnam, Conn.
MacLellan, Josephine, Tewksbury
Maddocks, Marie L., Whitinsville
Mahoney, Margaret V., Worcester
Mahoney, Rose M., Worcester
Malboeuf, Paul D., Webster
Matson, M. Cecile, Millbury
Mayo, Ralph C., Worcester
Miner, Ethel M., Worcester
Moatz, Campbell A., Breinigsville, Pa.
Monfredo, Dominic J., Worcester
Morris, Joycelin I., Worcester
Mowry, Mary E., Greenfield
Murdock, Evelyn L., W. Boylston
Murphy, Mary F., Worcester
Murphy, Mary M., Washington, D. C.

Nelligan, James T., Worcester
Newell, Dorothy, Uxbridge
Nims, Robert, Auburn
Nugent, Edward F., Worcester

O'Connell, William J., Worcester
O'Crowley, James F., Worcester
Ogilvie, Bruce C., Longmeadow, R. I.
O'Malley, Myles W., Clinton
Osborn, Caroline T., Worcester
Ouellette, Gerard A., Worcester
Ouellette, Henry G., Lawrence

Parker, Alexander, Worcester
Parks, Ruth M., Birmingham, Mich.
Patterson, Harry W., Worcester
Perejda, Andrew D., Detroit, Mich.
Pitcher, Thornton L., Bellows Falls, Vt.
Porochniak, Paul, Salem
Powers, Augustine B., Worcester
Powers, James J., Worcester
Putnam, Carol, Petersham

Quinn, Margaret, Whitinsville
Quirk, Mary E., Haverhill

Raymore, Sylvia, Windsor, Conn.
Read, Elizabeth, Worcester
Reidy, David R., Worcester
Rice, Dexter B., Worcester
Rice, Rebecca, Worcester
Ross, Carl W., W. Lafayette, Ohio
Roy, Marie E., Webster
Rumpal, Bruno, Wilbraham

Salem, Henry R., N. Brookfield
Salmon, Julia A., Worcester
Saul, Jean, Fitchburg
Sawyer, I. Sidney, Berlin
Schneider, Noreen F., Fulton, N. Y.
Schwab, William K., Pleasantville, N. J.
Scola, John E., Worcester
Scott, Charlotte H., Worcester
Shack, Sara, Worcester
Sharfman, Dorothy, Worcester
Sharfman, Elaine M., Worcester
Shaw, Minta, Worcester
Shine, Mary Frances. Worcester
Siff, Marshall S., Worcester
Simonian, Robert A., Worcester
Sister Mary Nazaria, Reading, Pa.
Sister Mary Tharsilla, Reading, Pa.
Smith, Raymond P., Sturbridge
Snare, Hollis S., Calhoun, Mo.

Spencer, Marcia M., Worcester
Stacey, Grace R., Cambridge
Stanhope, William R., W. Brookfield
Stead, Mabel H., Worcester
Sturgeon, Gertha, Southport, Ind.
Swenson, Dorothy, Southbridge
Swenson, Phyllis, Southbridge

Taft, Earl D., Uxbridge
Tangring, Hilda M., Worcester
Taparowsky, James J., Worcester
Thomas, Anthony S., Jr., Bristol, R. I.
Thompson, A. Kathleen, Nenana, Alaska
Thorton, Edna, Worcester
Tracy, M. Katherine, Uxbridge

Uihlein, George V., Jr., Worcester
Underwood, F. Milot, Worcester

Vamvas, Anthony D., Worcester

Wahlstrom, Esther M., Worcester
Warman, Henry J., Norristown, Pa.
Wheeler, Florence E., Rutland
Williams, Ruth, Worcester

Yesukevich, John, Millbury

III. EXTENSION STUDENTS

1940–41

Adams, Helen M.
Adshead, Mona
Alden, Clara L.
Amidon, Dorothy A.
Amill, Lali
Appleton, Hilda M.
Arter, Alice C.
Ashey, Joan

Babson, C. Amy
Bacon, Ruth I.
Baker, Winifred C.
Barr, Rose
Beauregard, Marion R.
Beck, Mildred L.
Bieberbach, Phyllis M.
Bouvier, Arthur O.
Bowler, Ruth Colburn
Brennan, Beatrice
Buckley, Florence E.
Budish, Melvin
Burke, John F.
Burrell, Frances L.

Caccialino, Anne M.
Cahill, Ann G.
Callahan, Winifred C.
Carey, Blanid A.
Carey, Helen M.
Carlstrom, Delna P.
Carmody, Catherine A.
Carroll, Lillian C.
Carroll, Margaret M.
Carruth, Helen M.
Clark, Ernest D.
Corporon, Yvonne D.
Cruikshank, Dorothy

Dacey, Marion I.
Daniels, Eleanor
Daviz, Alice I.
DeLaMater, Gertrude

Donovan, Daniel F.
Draper, Edith
Drumm, Francis A.
Dubuque, Lucille A.
Dudley, Stella T.

Enos, Joan P.
Epstein, Burton

Fairbanks, M. Phyllis
Felton, Alice M.
Ferguson, Esther A.
Foley, Gertrude E.
Foster, Mildred
Frost, Ruth H.

Gardner, Elsa L.
Gatti, Ora J.
Ginn, Addie M.
Goldberg, Margola A.

Hadley, Rollin V.
Haley, Margaret A.
Hall, Jessie A.
Halloran, Ellen B.
Halpin, Jean F.
Hannagan, Marguerite E.
Hanson, Martha E.
Hardy, Joseph J.
Hippert, Grace W.
Hopps, Van Buren F.
Howes, Doris L.
Hutchinson, Margaret L.

Jablonski, Stanley J.
Jaffe, Rose
Johnson, Olga A.

Kangas, Aili A.
Kemp, Avis M.
Kenney, Helen
Kenney, M. Gladys

Kenney, Mary T.
Kilton, Dorothy G.
Kimball, Jeanne

Lapp, Sylvia
Lariviere, Blanche L.
Lasell, Elizabeth W.
Lasell, Frances S.
Lincoln, Leslie B.
Lisabitsky, Sylvia
Locke, Mabel R.
Lund, Gretalyn I.

Mahoney, Margaret V.
Mahoney, Rose M.
Malcolm, Alice A.
Marble, Anna T.
Marlborough, Mary E.
Marshall, Audrey A.
Mathews, Georgiana P.
Matson, M. Cecile
Mayo, Ralph C.
McCarty, Clare R.
McKeon, Florence C.
McKeon, Rebecca M.
McLeod, Doris P.
McPartland, Mary E.
Medin, Elin E.
Merrifield, Helen E.
Metcalfe, Gladys M.
Miner, Ethel M.
Monahan, Katherine V.
Morton, Linda S.
Moulson, Dorothy E.
Mower, Elsie D.

Nelson, Eleanor C.
Nelson, Sarah G.
Newhall, Barbara V.
Norbery, Louise M.

O'Connor, Deborah F.
O'Crowley, James F.

Ofcarick, Steven J.
O'Grady, Winifred L.
O'Hara, Mary A.
Olin, Paul A
O'Regan, Marie J.
Osborn, Caroline T.

Perman, Albina A.
Peterson, Helga E.
Powell, Margaret R.
Power, Gertrude C.
Prouty, Etta F.

Quigley, Helen T.

Reardon, Gertrude E.
Regan, Mary E.
Reilly, Margaret A.
Reney, Kathleen F.
Rice, Naomi F.
Rice, Rebecca
Robinson, Grace
Roe, Harriet E.
Rollins, Ellen H.
Rowe, Eleanor F.

Scannell, Margaret E.
Shack, Dorothy
Shea, Agnes G.
Shea, Ella G.
Silver, Gladys F.
Sjogren, Rudolph H.
Smith, Wilhelmina I.
Sniederman, Fannie
Steiner, Franz L.
Stone, Wyman E.
Strogoff Dorothy
Sullivan, Catherine A.
Sullivan, Margaret M.

Tarbox, Evelyn R.
Terrill, Mildred B.
Thomas, Mildred C.
Tobin, Edward F.
Tolman, Ellen D.
Tozier, Virginia
Tulis, Annie E.

Uihlein, George V.

Walker, Barbara
Walker, Viola W.
Walthour, Mary J.
Washburn, Caroline S.
Wassall, Allen D.
Webster, Mabel R.
Whipple, Mary E.
Wilensky, Sidney
Wrenn, Daniel S.
Wright, Helen L.

Young, Florence M.
Youngquist, Wilhelmina

Zendzian, Sophie M.

IV. CANDIDATES FOR THE DEGREE OF BACHELOR OF EDUCATION IN ATTENDANCE DURING 1940–41, EITHER IN THE 1940 SUMMER SCHOOL OR DURING THE REGULAR ACADEMIC YEAR

Amidon, Dorothy A.
Anderson, Geraldine A.

Babson, C. Amy
Beck, Mildred L.
Burrell, Frances L.

Cahill, Anna G.
Carlstrom, Delna P.
Carroll, Lillian C.

Eaton, Louise S.

Foley, Gertrude E.

Gilligan, Frances O.

Halpin, Jean F.
Hardy, Joseph J.
Jaffe, Rose

Kenney, Helen
Kingsbury, Mildred L.

Lisabitsky, Sylvia
Locke, Mabel R.
Long, Alice M.

Mahoney, Margaret V.
Mahoney, Rose M.
Manarel, Raymond J.
Mathews, Georgiana P.
Matson, M. Cecile
Mayo, Ralph C.
McKeon, Florence C.
Medin, Elin E.
Miner, Ethel M.

Newhall, Barbara V.
O'Connor, Deborah F.
O'Regan, Marie J.
Osborn, Caroline T.

Power, Gertrude C.
Powers, Augustine B.

Quigley, Helen T.

Reardon, John P.
Regan, Mary E.
Rice, Rebecca
Rollins, Ellen H.
Rotshtan, Nathan J.

Sniederman, Fannie
Sullivan, Catherine A.
Sullivan, Margaret M.

Zendzian, Sophie M.

Summary 1940-41

Undergraduates		264	
Freshmen	88		
Sophomores	70		
Juniors	53		
Seniors	53		
Graduate Students		~~129~~	131
Special Students		21	
Extension Students		169	
Summer School Students (1940)		186	
Total		~~669~~	771
Less duplications		41	
Net Total		~~628~~	~~739~~ 730

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CLARK UNIVERSITY

Commencement Week

PROGRAM

1941

SUNDAY JUNE ONE

President's Reception	4-6 P M

THURSDAY JUNE FIVE

Commencement Ball Lunt's Pavilion Sterling Junction	9-2

FRIDAY JUNE SIX

Alumni Council Lounge Room Alumni Gymnasium	4 P M

SATURDAY JUNE SEVEN

Class Day Exercises Atwood Hall	11:30 A M
Alumni Business Meeting Lounge Room Alumni Gymnasium	11:30 A M
Alumni Luncheon Alumni Gymnasium	1 P M
Class Reunions	6:30 P M

SUNDAY JUNE EIGHT

Baccalaureate Sermon 11 A M

Frederick Raymond Clee Clark 1918
Pastor of the Old Bergen Church
Jersey City New Jersey
Atwood Hall

Commencement Exercises 4 P M

Address by Lowell Thomas
Author-Lecturer
Atwood Hall

Admission to Baccalaureate and the Commencement Exercises is by ticket only. Tickets may be obtained from the General Office

President and Mrs. Atwood will be at home Sunday, June one, from four to six, to members of the senior class, candidates for higher degrees, their Commencement guests, members of the University, and alumni

Special reunions will be held by Classes of 1906 1911 1916 1921 1926 1931 1936 1938 and 1940. Early reservations for the Commencement events should be made through the Alumni Office, otherwise tickets cannot be guaranteed. Tickets for the Alumni Luncheon are $1.00; for the Commencement Ball, $5.00 a couple

CLARK UNIVERSITY

DEAR FRIEND:

The events of our day place a greater responsibility on thinking people than ever before. Force of greed and lust for power have their precarious basis in ignorance which, though seemingly formidable, is dispersed by the light of understanding. You and I must tend that beacon today in a world dark with fear and superstition. We, more than any other people, may freely cultivate the permanent and progressive aspects of civilization. We can—and must be—active in the search for truth based on sound knowledge, and we must apply our intelligent thought to current problems.

The courses listed in this Bulletin represent a variety of subjects designed to serve citizens of Worcester County who desire to further these objectives through systematic leisure-time study. Carried forward on the college level, they are open to all persons who have a high school education, or equivalent; they comprise as appealing and as varied a selection as Clark University has offered to the general public. Prospective students are invited to attend the opening meetings of any course, and consult the Instructor; all are reminded that the superior facilities of the Clark University Library are available to all registrants.

PHILIP H. CHURCHMAN, *Director*

FRENCH CIVILIZATION

The Worcester Art Museum co-operates with Clark University in presenting this selective survey of French history, art and literature from the Middle Ages to the present day. Weekly lectures and discussions, supplemented by extensive use of lantern slides, photographs, phonograph recordings, and French motion pictures. A basic familiarity with French culture is offered in this course, without the requirement of a reading knowledge of the language.

Worcester Art Museum MR. DOUGHERTY

Wednesday, 4:15-5:55

MACHINERY OF THE BODY

The complex structure and function of the human body studied in the laboratory. The activities of the respiratory, digestive and excretory systems, or how food is converted into energy and body growth. The action of the nervous system, muscles, skeletal framework, blood and glands of the body will all be considered in the light of their importance to healthy and co-ordinated body function. Attention will be given to the reproductive system—the phenomenon of human development.

Wednesday, 4:20-6:00 MR. NUNNEMACHER

Laboratory fee, $1.00

CLARK UNIVERSITY *offers*

SCANDINAVIAN BACKGROUNDS

A popular, non-technical survey leading to a knowledge of Scandinavian social, economic, and political development, and to appreciation of Scandinavian culture. Geographic significance of the location, physical background, plant and animal life, and of all the resources in the progress of Scandinavia from savagery to civilization constitute the subject matter of the course.

Monday, 4:20-6:00 **MR. EKBLAW**

FOUNDATIONS OF ORAL AND WRITTEN FRENCH

Rapid survey of the elements of grammar, applied functionally to exercises in speaking and writing; thorough study of the more difficult phases of idiom and syntax; careful work in pronunciation upon a phonetic basis. A course on the third-year level; it is assumed that those who enter have a good reading knowledge, but active grammar is not presupposed. The ordinary prerequisite is three years of high-school French, or two at the college level.

Tuesday, 4:20-6:00 **MR. L. L. ATWOOD**

THE UNITED STATES IN THE 20TH CENTURY

An immediate background for the understanding of political, social, and economic forces in the United States from 1900 to 1940. The era of the Progressives, the World War, the Republican Twenties, the Depression, and the New Deal are considered successively.

Main trends in the field of religion, education, journalism, industrial production, literature, constitutional law, and foreign policy are subject to careful treatment. Lectures, selected reading in the ever-expanding literature of the contemporary scene, and news magazines are utilized in the conduct of the course.

Wednesday, 4:20-6:00 **MR. GUY LEE**

INTRODUCTION TO MUSIC

The radio, concert, phonograph, and press bring daily to our attention the increased music-consciousness of the present-day world. This course is designed to give familiarity with a selected repertory of basic works, principally for the orchestra, and to consider those of Haydn, Mozart, and Beethoven from the standpoint of form and style.

The lives of these composers, the period in which they lived, and the eloquent expression of their music have much meaning for us today; these are considered by means of lectures, phonograph recordings, and music in the classroom. Students are given an elementary knowledge of theory and of score-reading. No previous study of music is required. A supplementary leaflet is available on request.

Thursday, 4:20-6:00 **MR. JOHNSON**

CHRISTIANITY BETWEEN THE YEARS 33 AND 100

From the point of view of impartial modern research, the Christian religion in the Apostolic Age has much to offer the present-day student. This survey course makes large use of the Book of Acts, the New Testament Epistles, and other early Christian writings, together with some reference to the Greco-Roman background. It will be conducted by textbook study, collateral reading, and by means of discussion of prepared papers. Designed to continue throughout the year, it has an especial value for active church members, and teachers in church schools of all denominations.

Tuesday, 7:00-8:40 **REV. KENNETH MacARTHUR**

CONTEMPORARY LITERATURE

Recent works, and the influence of recent developments in the novel, in poetry, the drama, and biography. The processes and function of literary criticism are considered in this course with reference to leading publications of the current year. Lectures, recitations, prescribed and collateral reading comprise the means of presentation. Although this course is similar in method to those given previously under the same title, the material is new each year and there is no duplication of credit.

A supplementary leaflet giving detailed works to be considered is available on request.

Tuesday, 4:20-6:00 **MR. ILLINGWORTH**

INTRODUCTION TO PSYCHOLOGY

Doing, feeling, and thinking of people—the individual's adjustment to himself and his environment—these comprise the pertinent subjects considered in this course. Topics, frequently met in discussion, but seldom properly understood by the layman, are considered under these headings: behaviorism, psychoanalysis, Gestalt psychology and intelligence, motivation, the development and measurement of personality, and emotions. Particular attention is given to the application of psychology to personal and social problems as they occur in life.

Ruch's "Psychology and Life" is used as textbook, supplemented by contemporary references.

Wednesday, 7:00-8:40 **MR. BROWN**

APTITUDE TESTING AND GUIDANCE

The application of the newer methods in tests and measurements to the study of aptitudes, and to educational and vocational guidance. Insofar as possible, the course is carried on by means of practical work and there is plentiful opportunity for the consideration of students' own problems. There is a laboratory fee of $1.50 for test materials.

Friday, 4:20-6:00
MR. VERNON JONES

GEOGRAPHICAL INTERPRETATION OF CURRENT EVENTS

A Geographic analysis of significant current events of the world, especially from an economic and political point of view. Geographical backgrounds are studied as a basis for analysis of the influence these problems have on the present economic and political conditions of the world. This is not a repetition of any previous course given by the same instructors.

Thursday, 4:20-6:00 **MESSRS. CLARENCE JONES AND VAN VALKENBURG**

GENERAL BIOLOGY

An introduction to the study of plants and Animals. The different groups of organisms are discussed and examined with special emphasis on forms which are closely related to mankind.

Thursday, 7:00-9:00 **MR. POTTER**
Laboratory fee $1.00

READING APPROACH TO FRENCH

Introductory course for beginners and for those who have not studied French for some time. Extensive reading after preparation, and reading at sight in carefully graded modern texts comprise the principal means of approach.

Attention is given to the elements of fundamentals of grammar in simplified form.

Monday, 4:20-6:00
MR. DOUGHERTY

EUROPEAN CLASSICS IN TRANSLATION

A careful reading and study of these works: *Niebelungenlied*, *Dante's Divine Comedy*, selected *Essays of Montaigne*, Cervantes' *Don Quixote*, selected plays of *Molière*, and *Goethe's Faust*.

This is the regular undergraduate course in Comparative Literature, conducted as a seminar with reports, lectures, discussions; it is open to students having a special interest in literature. Early consultation with the instructor is advisable.

Monday, 7:30-9:30 **MR. JANTZ**

CALENDAR

	LATE AFTERNOON	EVENING
MONDAY	Reading Approach to French Scandinavian Backgrounds	European Classics in Translation
TUESDAY	Contemporary Literature Foundations of Oral and Written French	Christianity Between 33 and 100
WEDNESDAY	Machinery of the Body French Civilization (Worc. Art Museum) United States in the 20th Century	Introduction to Psychology
THURSDAY	Introduction to Music Geographic Interpretation of Current Events	General Biology
FRIDAY	Aptitude Testing and Guidance	

CLASSES BEGIN WEEK OF SEPTEMBER 30

PROMPT REGISTRATION IMPORTANT

CLARK UNIVERSITY BULLETIN

NO. 149 SEPTEMBER 1940

The courses announced in this bulletin are open to High School Graduates, both men and women, and, by consent of the instructor, to students without the conventional training.

Each course carries a college credit of two semester hours. This credit is automatically granted to those who are formally enrolled as candidates for the degree of Bachelor of Education in Clark University. It may also be presented for college credit in outside institutions subject to the consent and regulations of the institution involved. Those not desiring an official record of work done are admitted as "auditors" and are not required to "matriculate."

FOR YOUR PROGRESS
AND ENLIGHTENMENT

REGISTRATION AND CHARGES

Registration involves the filling out of an enrollment card and payment of the fee. Students are not enrolled until the enrollment card and the fee for each course have been received by the Bursar. Those who desire to avoid the delay involved in making payments at the office of the Bursar may enroll by mail.

Tuition charges are $15.00 for a course meeting two hours a week for one semester. A matriculation fee of $5.00 is paid by credit students but not by auditors.

A LATE REGISTRATION FEE OF ONE DOLLAR A WEEK IS CHARGED AFTER OCTOBER 12.

DEGREE OF BACHELOR OF EDUCATION

A descriptive circular containing regulations for this degree (also printed in the General Catalog), as well as blank forms for admission to candidacy, may be obtained from the University.

For further information address:

LYDIA P. COLBY, Recorder

CLARK UNIVERSITY BULLETIN

WORCESTER, MASSACHUSETTS
NO. 149 SEPTEMBER, 1940

Entered as second class
matter at the Post Office at
Worcester, Mass.

FOR YOUR PROGRESS
AND ENLIGHTENMENT

Entered as second-class matter, December 29, 1920, at the Post Office at Worcester, Mass., under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized January 24, 1921. This Bulletin is published in January, March, September, October, December.

CLARK UNIVERSITY

The Fifty-first Annual Commencement

JUNE 8 1941

WORCESTER MASSACHUSETTS

Order of Exercises

Processional	
Invocation	Frederick Raymond Clee DD Pastor of the Old Bergen Church Jersey City New Jersey
Statement by the President	
Commencement Address	Lowell Thomas MA LittD
Announcement	The Edmund C Sanford Scholarship The Prentiss Hoyt Prize in Poetry The Ahepa Prize in Greek
Conferring of Degrees	
Benediction	
Recessional	

The audience will kindly remain
standing during the recessional

Candidate for the Degree of Bachelor of Education

Raymond John Manarel

Candidates for the Degree of Bachelor of Arts

Ben Haig Bagdikian
Frank Antonio Bartimo
Linton Junior Bassett
Charles Frank Boynton Jr
Albert Louis Bredice
Robert Woods Bullock
Carol Francis Butler
Charles Albert Chabot Jr
Irving Edward Chase
Herman Lloyd Church Jr
John Joseph Clair Jr
Roger William Cleveland
David Jerome Cohen
Harry Harrison Cohen
Gustaf Coontz
Robert Thomas Cossaboom
Emidio Anthony DeLollis
Clifford Holman Doolittle
Lucius Theodore Everett
Everett Dow Glover
Chester Handleman
Paul Manfred Hanson Jr
Edward Michael Healy
Forrest Walker Hubbard
Richard Lester Hull
Richard Edward Hunter
Edmund Nicodem Kudarauskas
Manuel Hervé Lopez
Edward Kasimir Mikoloski
Robert Lindo Moore Jr
Robert Alfred Nelson
Edward George O'Neil
Gerard Arthur Ouellette
Robert Bradford Phipps
John Francis Ross
William Edward Sides
Albert Brown Southwick
Elof Folke Swenson
John Henry Thompson
Roger George Viens
William Henry Webster Jr
Thomas Junior West

Candidates for the Degree of Bachelor of Arts with Honors

Gene Joseph Barberet *with Honors in Romance Languages*
James Lee Eldridge *with Honor in General Course and with Honors in History and International Relations*
Frank Edward Ritacco *with Honor in General Course*
Anthony Varjabedian *with Honor in General Course*

Since the last annual commencement the degree of Bachelor of Arts has been conferred upon the following candidates as of June 9, 1940

Theodore Merritt Hargen
James Joseph Taparowsky

WHERE BE . . .

Once the meadows were bare,
And the mountains naked stood;
But breath came out of the air,
And out of the water came blood.

And out of the moving air
The shuttling tongues wove words
That straightway dissolvéd were,
And vanished away like birds.

And now there springs as then
Grass from the grudging stone;
And the myriad sons of men
Rise from the dust alone.

Rise from the dust and walk,
And utter the transient word—
And in this silent rock
Is lovely song immured.

* * *

Beauty and truth now dumb
Will flare—and smoulder low—
Out of the earth they come,
But who knows whither they go—?

Candidates for the Degree of Master of Arts

Biology

George Howard Pride

Economics and Sociology

Clarence Lyle Barber
Marie Tullner Bradshaw
James Lennon Duffy
Helen Elizabeth Hill
Louis Sidney Hurwitz

Geography

Kenneth Arthur Battersby
Lee Hamsher Diehl Jr
Mary Louise MacDonald
Sidley Kerr Macfarlane
Paul Felix Martin
Mary Margaret Murphy
Jessie May Thornton

History and International Relations

Dorothy Louise Brown
Jennie Lenora Cheatham
Jean Winifred Clarahan
Marie Virginia DeBartolo
Harold Luther Fenner
Donald Ellis Johnson
Lillian Edith Newfield
Walter Donald MacKinnon Sage
John Joseph Shannon

Psychology

Jack Bernard
Douglas Weston Bray
Marjorie Ballou Dolkart
Esther Kroop

Candidates for the Degree of Master of Arts in Education

Benjamin Bernstein
Richard Meredith Burner
Katrina Ellen Curtis
John Francis Foley
Arthur Raymond Higginbottom
Lawrence Reuben Houle
Kasper Thomas Serijan
Albert Theodore Stead
Howard Clarence Steere

Candidates for the Degree of Doctor of Philosophy

Chemistry

Francis Howard Bratton
Robert Ernest Brouillard
Oscar Paul Cohen
Bernard Kopelman

Economics and Sociology

Randle Edwin Dahl

Geography

Lawrence Franklin Fountain
Jackson Edwin Guernsey
Paul Cross Morrison
Joseph Raymond Schwendeman
Robert Bonebrake Simpson

History and International Relations

Kathryn Derby Toomey Bartimo
William McAleer
Robert Maurice York

Psychology

Arthur Bertrand Warren

Honorary Degrees

Frederick Raymond Clee	Presented by Leroy Allston Ames
Lowell Thomas	Presented by Walter Elmer Ekblaw
Howard Washington Odum	Presented by Samuel Jacob Brandenburg
Isador Lubin	Presented by James Ackley Maxwell
Benjamin Shores Merigold	Presented by Jesse Lunt Bullock
George Hubbard Blakeslee	Presented by Dwight Erwin Lee
Frank Ross McCoy	Presented by Samuel Van Valkenburg
Katharine Cornell	Presented by Loring Holmes Dodd

Annual Collegiate Honors

SENIORS

First Honors

James Lee Eldridge
Frank Edward Ritacco

Second Honors

John Joseph Clair
Edward George O'Neil
John Henry Thompson

JUNIORS

First Honors

David Hamilton Horne
Donald William Kuhn

Second Honors

Paul Aaron Hyman Guss
Wallace Dorman Kilpatrick
Robert Howe Scotland

SOPHOMORES

First Honors

Douglas Charles Hebb
Solomon Israel

Second Honors

Roy Stuart Anderson
John Patsy Augelli
George Philip Hebert
Malcolm Kent Jones

FRESHMEN

First Honors

Marvin Israel Gruss
Edward Elliot Sinclair
Alan Bennett Wade

Second Honors

Leonard Cohen
Marcus Gordon Grodberg

EDMUND C SANFORD SCHOLARSHIP

David Hamilton Horne

PRENTISS HOYT PRIZE IN POETRY

Albert Brown Southwick
For the Poem "Where Be"

THE AHEPA PRIZE FOR EXCELLENCE IN ELEMENTARY GREEK

First Prize	Paul Aaron Hyman Guss
Second Prize	Andrew George Priest

CLARK UNIVERSITY
Final Assembly of the 1941 Summer School

August 8, 8:30 P. M.

I The Summer Players Present:

THE TEMPEST

by

William Shakespeare

Alonso, King of Naples	Robert Leslie
Sebastian, His Brother	Joseph Racine
Prospero, the Right Duke of Milan	Clarence Daigneau
Antonia, His Brother, the Usurping Duke of Milan	Norman Brulé
Ferdinand, Son to the King of Naples	Richard Court
Gonzalo, an Honest Old Counsellor	Philip Wheaton
Francisco, a Lord	Charles Lee
Caliban, a Savage	Francis Kirby
Trinculo, a Jester	Sidney Sawyer
Stephano, a Drunken Butler	Myles McAleer
Master of the Ship	Peter Balcanoff
Boatswain	Anthony Vamvas
Mariner	Max Feldman
Mariner	Frederick Lidstone
Miranda, Daughter of Prospero	Beatrice Green
Ariel, an Airy Spirit	Barbara Masterson
Iris	Katherine Daniels
Ceres	Anne Jacobs
Juno	Marie Jameson

Attendants: Eleanor Garvey, Christine Flynn, Lee Paine.

Strange Shapes: Peter Balcanoff, Anthony Vamvas, Frederick Lidstone, Christine Flynn, Eleanor Garvey, George Deering, Lee Paine.

SCENE: On the Ship, afterwards on the Island

II Conferring of Degrees — President Atwood

Bachelor of Education

Ann Gertrude Cahill
Margaret Veronica Mahoney
Rose Mary Mahoney
Florence Cecelia McKeon
Barbara Virginia Newhall
Deborah Frances O'Connor
Gertrude Clare Power
John Paul Reardon
Mary Elizabeth Regan
*Anne Smith Rush
Catherine Agnes Sullivan

Master of Arts in Education

Lorraine Catherine Horan
Mary Frances Shine

Master of Arts

Geography

Helen Margaret Carey
Hazel Gertrude Handel
Lillian Mary Holland
Harriet Ruth Long
John William Reith
Seymour Israel West

*—Degree to be awarded on the completion of a small amount of additional work.

CLARK UNIVERSITY BULLETIN
WORCESTER, MASSACHUSETTS
No. 151 December 1940

A SURE DEFENSE

CLARK UNIVERSITY

DEAR FRIEND:

The events of our day place a greater responsibility on thinking people than ever before. Force of greed and lust for power have their precarious basis in ignorance which, though seemingly formidable, is dispersed by the light of understanding. You and I must tend that beacon today in a world dark with fear and superstition. We, more than any other people, may freely cultivate the permanent and progressive aspects of civilization. We can — and must be — active in the search for truth based on sound knowledge, and we must apply our intelligent thought to current problems.

The courses listed in this Bulletin represent the widest variety of subject matter that Clark University has ever offered the general public, and they are designed to serve citizens of Worcester County desiring to further their advancement through systematic leisure-time study. Carried forward on the college level, they are open to all persons who have a high school education, or equivalent. Prospective students are invited to attend the opening meetings of any course, and consult the Instructor; all are reminded that the superior facilities of the Clark University Library are available to all registrants.

PHILIP H. CHURCHMAN, ***Director***

FOUNDATIONS OF ORAL AND WRITTEN FRENCH

Completion of survey of the elements of grammar, applied functionally to exercises in speaking and writing. Practice in free composition, both written and oral. A course on the third-year level. A good reading knowledge and acquaintance with the rudiments of grammar are assumed. The ordinary prerequisite is three years of high school French, or two at the college level. Although this is a continuation of the first-semester course, qualified new students may enter.

Tuesday, 4:20-6:00 MR. L. L. ATWOOD

INTRODUCTION TO PSYCHOLOGY

The doing, feeling, and thinking of people — the individual's adjustment to himself and his environment — is continued as the main topic of the second semester. Stress is laid on the problems of attention, perception, learning and its management, and thinking, on the main trends in the schools of psychology today, and on the practical applications of psychology. Credit is allowed for the second semester independently of the first.

Wednesday, 7:00-8:40 MR. BROWN

GEOGRAPHICAL INTERPRETATION OF CURRENT EVENTS

A geographic analysis of significant current events of the world, especially from an economic and political point of view. Geographical backgrounds are studied as a basis for analysis of the influence these problems have on the present economic and political conditions of the world. This is not a repetition of any previous course given by the same instructors. It may be taken with full credit for a maximum of four semesters. The course may be entered at the beginning of the second semester.

Thursday, 4:20-6:00 MESSRS. JONES and VAN VALKENBURG

CLARK UNIVERSITY *offers*

CHEMISTRY IN PEACE AND WAR

The relationship of raw materials to finished products, and the part played by chemistry in bringing about these conversions, provide the subject material for this new course. Commencing with the manufacture of acids, lyes, soap and gunpowder, the survey will be historical, leading up to the present time, with discussion of the new products in the field of detergents, dyes, high explosives, plastics and vitamins. Previous knowledge of chemistry, while desirable, is not necessary.

Tuesday, 7:00-8:40 **MR. BULLOCK**

PSYCHOLOGY OF VOCATIONAL ADJUSTMENT

A survey of the factors which influence vocational adjustment in modern society. Topics include: occupations and American traditions, psychological and economic factors in vocational adjustment, the prediction of vocational success, steps in vocational adjustment, vocations and leisure, community organization for guidance, and education for vocational and social adjustment. The approach is largely from the point of view of the person making adjustments, but attention is given to the work of vocational counselors and to the role of schools, social agencies, and industry.

Tuesday, 4:20-6:00 **MR. SUPER**

CONTEMPORARY LITERATURE

The study of outstanding books of the current season, in the field of novel, poetry, drama, essay, and biography. The material is new each semester, hence, in spite of identity of title with courses previously offered, there is no duplication of content; the course may be taken for credit during a maximum of four semesters. New registrants are admitted at the beginning of each semester.

The course is conducted by means of lectures and prescribed and collateral readings. A supplementary leaflet, with a full summary of the content of the course, is available on request.

Tuesday, 4:20-6:00 **MR. ILLINGWORTH**

THE OPERA

The glamour and personality which go with the world's most fashionable art form only suggest the true nature of its worth. Opera is a serious business, is based on a fine tradition, and merits greater understanding than it receives from the public. The plots of operas and the celebrated arias disjoined from their proper context are but half the story, and this survey course is designed to provide a background for the listeners to broadcasts, occasional attendants at The Metropolitan, or collectors of phonograph recordings. Introductory lectures will lead to specific study of Monteverdi, Gluck, Mozart, Beethoven, Wagner, and Bizet as major subjects, with incidental reference to and classification of many of those works comprising the familiar repertory. The various national schools of opera are considered, and the evolution of music drama will be traced. No previous study of music is required.

Thursday, 7:00-8:40 **MR. JOHNSON**

GENERAL SURVEY OF SOCIAL WORK

A description of the various fields of social work as carried through by the several social work agencies, public and private, operating in Worcester and adjacent areas. Emphasis upon the development of social work, its present-day methods and practices, its ideals and objectives, its relationship to community life. This survey of important community activities is open to teachers, social workers and other interested persons.

Wednesday, 7:00-8:40

MISS JULIA E. ROBINSON
Board of Public Welfare
MISS ALICE SPINNEY
Associated Charities
MISS RUTH WALTON,
Child Guidance Clinic

DYNAMICS OF HUMAN BEHAVIOR

These subjects are considered in the first part of the course by Dr. Rosenzweig: the dynamics of personality development, current theories of personality, contributions of Freud, Adler and Jung. There will be a class demonstration on the subject of free association and psychic determinism, illustrated talk on "Experimental Neuroses," discussion of psychobiological defense and social metabolism, types of reaction to frustration and methods of ego defense, and frustration tolerance in education and re-education.

Clinical material on "the application of mental hygiene to everyday problems" includes a study of the complex problems of family relationship, emotional upheavals of critical life periods, and the reaction to physical disease. Dr. Barton follows these with a treatment of mental health hazards in the schoolroom, the problems of marriage and sex adjustment, the intelligent use of leisure, vocational adjustment and finally a plan for living that embodies the principles of mental health.

Monday, 4:20-6:00 **DR. BARTON and MR. ROSENZWEIG**
Acting Supt., State Hospital — Dept. of Psychology

SCANDINAVIAN CULTURE

A summary of the cultural evolution of the Scandinavian peoples as affected by distinctive attributes of their land, and an appraisal of their achievements during the modern period of development in such cultural elements as education, law, religion, and the arts and sciences; social, economic and political structure; trade, industry, and international relations, etc. A course distinct and independent in itself, though a continuation of "Scandinavian Backgrounds" of the preceding semester.

Wednesday, 4:20-6:00 **MR. EKBLAW**

ANIMAL AND PLANT LIFE

A general survey in two parts. The animals to be considered are Insects, Fish, Amphibians, Reptiles, Birds, and Mammals, and the plants comprise Mosses, Club Mosses, Ferns, and Seed Plants. This is an introductory course requiring no previous knowledge of biology. Laboratory Fee of $1.00.

Thursday, 7:00-8:40 **MR. POTTER**

EUROPEAN CLASSICS IN TRANSLATION

A careful reading and discussion of Essays by Montaigne, Cervantes' "Don Quixote," and Goethe's "Faust." To be read in their entirety in English, they will be studied for the representative position in the development of European literature.

Monday, 7:30-9:20 **MR. JANTZ**

READING APPROACH TO FRENCH

To acquire rapid development in reading and an elementary knowledge of pronunciation, with incidental attention to aural comprehension through questions in French on that which is being read, is the purpose of this course. No work in speaking or writing is undertaken, but attention is given to the essentials of grammar as needed for reading purposes only.

A systematic lesson book is methodically studied at a slow pace, while large amounts of relatively easy French are being read rapidly for content. This material deals with simple stories, and with the history of French culture, accompanied by exercises in vocabulary building and in direct comprehension. Open to new registrants who have had not less than one year of high school French.

Monday, 4:20-6:00 **MR. CHURCHMAN**

INTRODUCTION TO FRENCH CIVILIZATION

The art, literature, and history of France from the reign of Louis XIV to the present day, presented in survey. Offered in cooperation with the Worcester Art Museum, the meetings are devoted to lectures, the showing and discussion of lantern slides and photographs, and phonograph recordings. A reading knowledge of French is not required, and students may enter for the second semester.

Wednesday, 4:20-6:00

MR. DOUGHERTY
Worcester Art Museum

BIRDS AND THEIR RELATIONSHIP TO MAN

Clues to the identification of the native and migratory birds of Massachusetts and their relationship to man. During the spring "Bird Walks," with the identification in the field of the returning birds, will be arranged if possible. Laboratory fee $1.00.

Wednesday, 4:20-6:00

MR. NUNNEMACHER

CLARK UNIVERSITY BULLETIN

NO. 151 DECEMBER 1940

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For further information address:

LYDIA P. COLBY, Recorder

CALENDAR

	LATE AFTERNOON	EVENINGS
MONDAY	—Dynamics of Human Behavior —Reading Approach to French	—European Classics in Translation
TUESDAY	—Contemporary Literature —Foundations of Oral and Written French —Vocational Adjustment	—Chemistry in Peace and War
WEDNESDAY	—Birds and Their Relationship to Man —Introduction to French Civilization —Scandinavian Culture	—Introduction to Psychology —Survey of Social Work
THURSDAY	—Geographical Interpretation of Current Events	—The Opera —Animal and Plant Life

CLASSES BEGIN WEEK OF FEBRUARY 3RD

REGISTER PROMPTLY!

CLARK UNIVERSITY BULLETIN

WORCESTER, MASSACHUSETTS

No. 151 December 1940

A SURE DEFENSE

Clark University Bulletin

Number 158 March, 1942

CATALOGUE NUMBER

WORCESTER • MASSACHUSETTS

Clark University
Worcester, Massachusetts

History and
International Relations
G. H. Blakeslee
D. E. Lee
H. D. Jordan
G. A. Lee

July 8, 1942

Dean Homer P. Little
Clark University

Dear Dean Little:

In view of the fact that only one student, and that a graduate student in our Department, has elected my History S.T. 20b I have arranged to carry on the work in tutorial fashion, meeting the student, Miss Esther Wahlstrom, at 10:10 on Monday, Wednesday and Friday mornings.

I am sending you this notice for the sake of the record.

Sincerely yours,

Dwight E. Lee

DEL:F

COURSES IN GEOGRAPHY

Second Term of the Summer School

(July 6 - August 14)

Note:

Due to the introduction of the War Service Training Program, certain changes in the original schedule announced in the Summer School Bulletin have been necessary. Most of the geography courses will meet only 3 times a week and carry 2 hours of credit. However, a third hour of credit may be taken if special arrangements are made with the instructor. A normal registration for geography students will be three 2 hour courses.

	Courses	Time	Credit
S.T.14	Economic Geography	7:50 M, T, Th	2 or 3
S.T.191b	Maps, Charts and Graphs	10:10 M-F	2 or 3
S.T. 201b	Far East	2:00 M, W, F	2
S.T.214b	Geographic Problems and the War (War Zones)	9:00 M, W, F	2
S.T.232b	Climatology	11:20 M, T, Th	2
S.T.283b	Caribbean	2:00 T, Th (3rd hour to be arranged)	2
S.T.34	Research		2 or 3
S.T. 30	Seminar	3:00 M	

Rec'd from printer
5/21/42
Commonwealth Press

Clark University Bulletin

CATALOGUE NUMBER

The Catalogue is a record for the current academic year, 1941–42. Such announcements for the year 1942–43 as can be made at the time of publication are included.

Beginning May, 1942, the traditional two-semester academic year with an independent six-week summer school has been superseded, as a war-time measure, by an academic year of two sixteen-week terms supplemented by a twelve-week summer term. Announcements throughout the catalogue have been altered, so far as possible, to correspond to this change. The "academic year" for graduate students will begin with the fall term, in September, and end with the spring term, in May.

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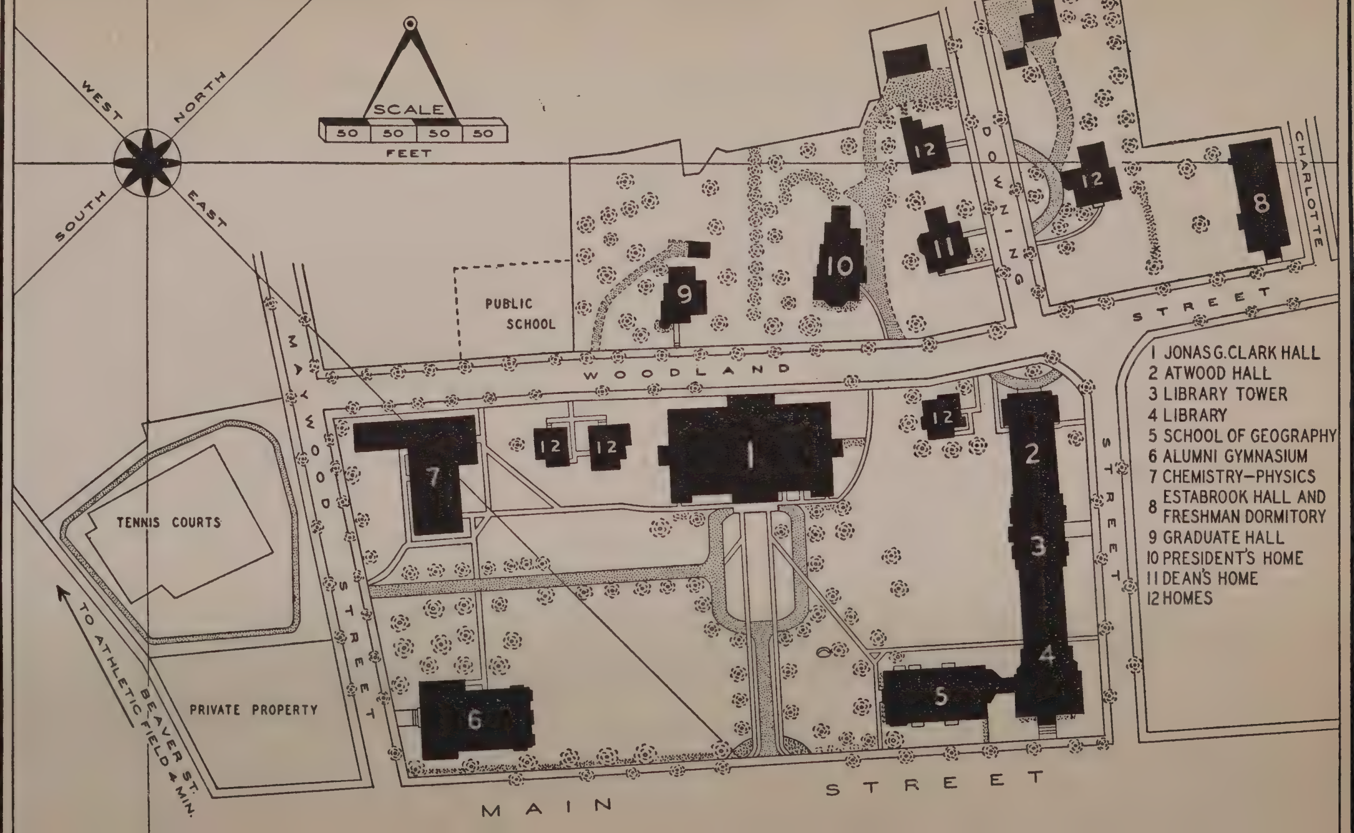
September, October, and December

Entered as second-class matter, December 29, 1920, at the Post Office at Worcester, Mass., under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized January 24, 1921.

CLARK UNIVERSITY MAIN CAMPUS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BEAVER ST.
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1 JONAS G. CLARK HALL
2 ATWOOD HALL
3 LIBRARY TOWER
4 LIBRARY
5 SCHOOL OF GEOGRAPHY
6 ALUMNI GYMNASIUM
7 CHEMISTRY—PHYSICS
8 ESTABROOK HALL AND FRESHMAN DORMITORY
9 GRADUATE HALL
10 PRESIDENT'S HOME
11 DEAN'S HOME
12 HOMES
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Calendar

The academic year begins on the Monday before the fourth Thursday in September, and ends on Commencement Day, the thirty-eighth Monday (the first or second Monday in June).

The first semester ends on the Saturday before the twentieth Monday and the second semester begins on the twentieth Monday of the academic year.

Note: during the current national emergency the Calendar has been modified as indicated below. Other changes may be made. Such changes will be announced in special bulletins and through the local newspapers.

1941

Sept. 19–20		Freshman induction days.
Sept. 20	Saturday	Registration day for freshmen.
Sept. 22	Monday	Registration day for all other students. Beginning of academic year.
Nov. 19	Wednesday	Beginning of Thanksgiving recess at 6 P. M.
Nov. 24	Monday	End of Thanksgiving recess at 8 A. M.
Dec. 20	Saturday	Beginning of Christmas recess at 1 P. M.

1942

Jan. 5	Monday	End of Christmas recess at 8 A. M.
Jan. 12–16		Registration days for second semester.
Jan. 19	Monday	Beginning of semester examination period.
Jan. 29	Thursday	End of first semester.
Jan. 30	Friday	Beginning of second semester.
Feb. 1	Sunday	Founder's Day.
Feb. 2	Monday	Last day for receiving applications for undergraduate scholarships for the second semester.
Feb. 7	Saturday	Last day for changes in undergraduate programs. Last day for receiving applications for admission to candidacy for the degree of Master of Arts in June, 1942.
Feb. 12	Thursday	Last day for payment of term bills.
Feb. 22	Sunday	Washington's Birthday.
Feb. 23	Monday	A holiday.
Feb. 28	Saturday	Last day for receiving applications for graduate scholarships and fellowships for 1942–43.
Mar. 25	Wednesday	Mid-semester reports.
Apr. 2	Thursday	Beginning of spring recess at 5 P. M.
Apr. 6	Monday	End of spring recess at 8 A. M.
May 13	Wednesday	Beginning of semester examination period.
May 21	Thursday	Last day of semester examinations. Dissertations and theses for the Ph.D. and M.A. degrees are due at the office of the Recorder at 9 A. M.
May 24	Sunday	Commencement day.

May 25	Monday	Beginning of summer term.
July 3	Friday	End of first session of summer term.
July 6	Monday	Beginning of second session of summer term. (Corresponding to "Summer School" of previous years.)
Aug. 14	Friday	End of summer term. Conferring of degrees.
Sept. 21	Monday	Beginning of fall term.
Oct. 12	Monday	Columbus Day. Not a holiday.
Dec. 19	Saturday	Beginning of Christmas recess at 1 P. M.

1943

Jan. 4	Monday	End of Christmas recess at 8 A. M.
Jan. 23	Saturday	End of fall term.
Jan. 25	Monday	Beginning of spring term.
May 15	Saturday	End of spring term.
May 24	Monday	Beginning of summer term.
July 2	Friday	End of first session of summer term.
July 6	Tuesday	Beginning of second session of summer term. (Corresponding to "Summer School" of previous years.)
Aug. 13	Friday	End of summer term.
Sept. 20	Monday	Beginning of fall term.

BOARD OF TRUSTEES

George H. Mirick (1920), Vice President and Treasurer	Worcester, Mass.
Alexander H. Bullock (1926), President	Worcester, Mass.
Leon E. Felton (1930), Secretary	Worcester, Mass.
Francis H. Dewey, Jr. (1934)	Worcester, Mass.
Robert H. Loomis (1936)	Boston, Mass.
Frank L. Adams (1938)	Worcester, Mass.
Howard M. Booth (1939)	Worcester, Mass.
Samuel H. Dolbear (1940)	New York, N. Y.

Final authority in all matters pertaining to the University is lodged in the Board of Trustees by charter granted by the General Court of the Commonwealth of Massachusetts.

ADMINISTRATIVE OFFICERS

President of the University	Wallace Walter Atwood
Acting Librarian	Edith M. Baker
Dean of the College	Homer P. Little
Director of Extension Courses	Philip H. Churchman
Recorder	Lydia P. Colby
Bursar	Florence Chandler

University Staff

THE UNIVERSITY FACULTY

(Listed in order of academic seniority within each rank.)

WALLACE WALTER ATWOOD, PH.D. 160 Woodland St.

President, Professor of Physical and Regional Geography, and Director of the Graduate School of Geography, since 1920.

B.S., University of Chicago, 1897; Ph.D., 1903.

HOMER PAYSON LITTLE, PH.D. 156 Woodland St.

Dean of the College and Professor of Geology since 1922.

A.B., Williams College, 1906; Ph.D., Johns Hopkins University, 1910.

WILLIAM HOMER WARREN, PH.D.

Professor of Organic Chemistry, 1925–37. Professor Emeritus.

DOUGLAS CLAY RIDGLEY, PH.D.

Professor of Geography in Education, 1927–37. Professor Emeritus.

BENJAMIN SHORES MERIGOLD, PH.D., SC.D. 17 Charlotte St.

Professor of Chemistry and Director of the Chemical Laboratories.

A.B., Harvard University, 1896; A.M., 1897; Ph.D., 1901; Sc.D., Clark University, 1941. Assistant Professor, 1903–08; Professor since 1908.

GEORGE HUBBARD BLAKESLEE, PH.D., L.H.D., LL.D.

Professor of History and International Relations. 21 Downing St.

A.B., Wesleyan University, 1893; L.H.D., 1923; A.M., Harvard University, 1900; Ph.D., 1903; L.H.D., Williams College, 1930; LL.D., Brown University, 1936; Clark University, 1941. Instructor, 1903–04; Assistant Professor, 1904–09; Professor since 1909.

PHILIP HUDSON CHURCHMAN, PH.D. 20 Institute Rd.

Professor of Romance Languages and Director of Extension Courses.

A.B., Princeton University, 1896; A.M., 1903; Ph.D., Harvard University, 1908. Assistant Professor, 1908–11; Professor since 1911.

HAVEN DARLING BRACKETT, PH.D. 114 Woodland St.

Professor of Greek and Latin.

A.B., Amherst College, 1898; Ph.D., Harvard University, 1904. Instructor, 1904–06; Assistant Professor, 1906–12; Professor since 1912.

LEROY ALLSTON AMES, A.M. 166 Woodland St.

Professor of English Literature.

A.B., Harvard University, 1896; A.M., 1901. Instructor, 1908–10; Assistant Professor, 1910–15; Professor since 1915.

Loring Holmes Dodd, Ph.D. 88 Sagamore Rd.
Professor of Rhetoric. Curator of Art.
A.B., Dartmouth College, 1900; A.M., Columbia University, 1901; Ph.D., Yale University, 1907. Instructor, 1910–13; Assistant Professor, 1913–16; Associate Professor, 1916–20; Professor since 1920.

***Robert Hutchins Goddard, Ph.D.**
Professor of Physics and Director of the Physical Laboratories.
B.S., Worcester Polytechnic Institute, 1908; A.M., Clark University, 1910; Ph.D., 1911. Instructor, 1914–15; Assistant Professor, 1915–19; Associate Professor, 1919–20; Professor since 1920.

Samuel J. Brandenburg, Ph.D. 173 Woodland St.
Professor of Economics and Sociology since 1923.
A.B., Miami University, 1904; Ph.M., University of Chicago, 1909; Ph.D., University of Wisconsin, 1922.

Clarence Fielden Jones, Ph.D. 193 Lovell St.
Professor of Economic Geography.
B.S., University of Chicago, 1917; Ph.D., 1923. Assistant Professor, 1923–26; Associate Professor, 1926–28; Professor since 1928.

Walter Elmer Ekblaw, Ph.D. Wheeler Ave., N. Grafton, Mass.
Professor of Geography.
A.B., University of Illinois, 1910; A.M., 1912; Ph.D., Clark University, 1926. Associate Professor, 1926–28; Professor since 1928.

Hudson Hoagland, Ph.D. 150 Woodland St.
Professor of General Physiology since 1931.
A.B., Columbia University, 1921; M.S., Massachusetts Institute of Technology, 1924; Ph.D., Harvard University, 1927.

Samuel Van Valkenburg, Ph.D. 11 South Flagg St.
Professor of Climatology and Regional Geography.
Ph.D., University of Zürich, 1918. Special Lecturer in Geography, second semester, 1926–27; Assistant Professor, 1927–29; Associate Professor 1932–37; Professor since 1937 (February).

Jesse Lunt Bullock, Ph.D. 35 Downing St.
Professor of Chemistry.
A.B., Harvard University, 1914; A.M., 1928; Ph.D., 1932. Assistant Professor, 1926–32; Associate Professor 1932–37; Professor since 1937 (February).

James Ackley Maxwell, Ph.D. 9 Shirley St.
Professor of Economics.
A.B., Dalhousie University, 1921; A.M., Harvard University, 1923; Ph.D., 1927 (February). Instructor, 1924–26; Assistant Professor, 1926–28; Associate Professor, 1928–37; Professor since 1937 (February).

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*Absent on leave, 1934–.

VERNON JONES, PH.D. 267 Salisbury St.

Professor of Educational Psychology.

A.B. and A.M., University of Virginia, 1920; A.M., Columbia University, 1924; Ph.D., 1926. Associate Professor, 1926–38; Professor since 1938 (February).

ARTHUR FLETCHER LUCAS, PH.D. 54 Morningside Rd.

Professor of Economics and Business Administration.

A.B., Bates College, 1920; A.M., Princeton University, 1923; Ph.D., 1925. Assistant Professor, 1926–29; Associate Professor, 1929–38; Professor since 1938 (February).

DWIGHT ERWIN LEE, PH.D. 8 Shepard St.

Professor of Modern European History.

A.B., University of Rochester, 1921; A.M., 1922; Ph.D., Harvard University, 1928 (February). Assistant Professor, 1927–30; Associate Professor, 1930–38; Professor since 1938 (February).

HENRY DONALDSON JORDAN, PH.D. 171 Woodland St.

Professor of English History.

A.B., Harvard University, 1918; A.M., 1922; Ph.D., 1925. Associate Professor, 1931–38; Professor since 1938 (February).

ROBERT STANLEY ILLINGWORTH, A.M., ED.M. 209 Lovell St.

Professor of Dramatic Art.

A.B., Clark University, 1917; A.M., Lafayette College, 1926; Ed.M., Harvard University, 1933. Associate Professor of English, 1931–38; Professor since 1938 (February). Director of the Summer School, 1935–41.

DAVID POTTER, PH.D. Estabrook Hall

Professor of Biology.

B.Sc., Massachusetts Agricultural College, 1916; M.Sc., 1923; Ph.D., Harvard University, 1931. Instructor, 1924–27; Assistant Professor, 1927–33; Associate Professor, 1933–38; Professor since 1938 (February).

CAREY EYSTER MELVILLE, A.B. 16 Isabella St.

Associate Professor of Mathematics.

A.B., Northwestern University, 1901. Assistant in Mathematics, 1906–09; Instructor, 1909–11; Assistant Professor, 1911–18; Associate Professor since 1918. Registrar, 1914–32.

PERCY MARTIN ROOPE, PH.D. 2 Lovell Drive

Associate Professor of Physics.

A.B., Clark University, 1920; A.M., 1924; Ph.D., 1927. Instructor, 1921–27; Assistant Professor, 1927–31; Associate Professor since 1931.

HENRY MORANT BOSSHARD, PH.D. 33 St. Elmo Rd.

Associate Professor of German.

Ph.D., University of Zürich, 1919; M.Ed., Harvard University, 1921. Assistant Professor, 1927–32; Associate Professor since 1932.

DAVID MITCHELL DOUGHERTY, PH.D. 5 Columbine Rd.

Associate Professor of Romance Languages.

A.B., University of Delaware, 1925; A.M., Harvard University, 1927; Ph.D., 1932. Assistant Professor, 1931–40; Associate Professor since 1940 (February).

WALLACE WALTER ATWOOD, JR., PH.D. 88 Morningside Rd.

Associate Professor of Physiography and Regional Geography.

B.S., University of Chicago, 1926; A.M., Clark University, 1927; Ph.D., 1930. Assistant Professor, 1932 (February)—1940; Associate Professor since 1940 (February).

*DONALD E. SUPER, PH.D. 18 Downing St.

Associate Professor of Educational Psychology.

B.A., University of Oxford, 1932; M.A., 1936; Ph.D., Columbia University, 1940. Assistant Professor, 1938–41 (February); Associate Professor since 1941 (February). Director of Personnel Bureau.

HAROLD S. JANTZ, PH.D. 12 Wyman St.

Assistant Professor of German since 1934.

A.B., Oberlin College, 1929; A.M., University of Wisconsin, 1930; Ph.D., 1933.

ROBERT H. BROWN, PH.D. 7 Brookline St.

Assistant Professor of Experimental Psychology since 1937.

A.B., Wesleyan University, 1932; A.M., Clark University, 1933; Ph.D., 1935.

†DUNCAN PECK MACDOUGALL, PH.D.

Assistant Professor of Chemistry since 1937.

A.B., Pomona College, 1929; Ph.D., University of California, 1933.

FREDERICK EUGENE MELDER, PH.D.
8 Breezy Green Rd., Leicester, Mass.

Assistant Professor of Economics and Sociology, 1937–42; Associate Professor of Economics and Business Administration, 1942–.

B.B.A., University of Washington, 1926; M.A., 1931; Ph.D., University of Wisconsin, 1936.

GUY A. LEE, PH.D. 7 Lowell St.

Assistant Professor of American History.

A.B., Wabash College, 1932; A.M., Harvard University, 1934; Ph.D., 1938. Instructor, 1937–38; Assistant Professor since 1939 (February).

RUDOLPH FINK NUNNEMACHER, PH.D. 2 Clement St.

Assistant Professor of Biology since 1939.

B.S., Kenyon College, 1934; M.A., Harvard University, 1935; Ph.D., 1938.

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*Absent on leave, March 1942–.

†Absent on leave, February 1941–.

H. Earle Johnson, Mus.M. 114 Woodland St.
Instructor in Music since 1936, and Director of the Musical Organizations.
Mus.B., Boston University, 1932; Mus.B., Yale University, 1933; Mus.M., 1934.

Paul F. Marble, A.M. 16 Marble St.
Instructor in English since 1939.
Ph.B., Brown University, 1930; A.M., 1933.

Norris D. Hoyt, Ph.D. Princeton, Mass.
Instructor in English since 1940.
A.B., Yale College, 1936; Ph.D., 1941.

Roy C. Gunter, A.M. 10 Oberlin St.
Instructor in Physics and Mathematics since 1941 (February).
B.S., Bowdoin College, 1938; A.M., Boston University, 1939.

John E. Walter, Ph.D. 7 Gates St.
Instructor in Chemistry since 1941.
B.S., Pennsylvania State College, 1938; Ph.D., Princeton University, 1941.

OTHER MEMBERS OF THE STAFF

Gregory Pincus, Ph.D. 60 Downing St.
Visiting Professor of Experimental Biology.

Karl Buehler, M.D., Ph.D.
Visiting Professor of Psychology, first semester, 1941–42.

Charlotte Bertha Buehler, Ph.D.
Visiting Professor of Psychology, first semester, 1941–.

Charles H. Sawyer Director, Worcester Art Museum
Professor (Affiliate) of Fine Arts, 1942–.

Saul Rosenzweig, Ph.D. Worcester State Hospital
Assistant Professor (Affiliate) of Abnormal Psychology.

Thomas M. Harris
Visiting Lecturer in Psychology, March, 1942–.

Guy H. Burnham, A.M. 19 Woodman Rd.
Cartographer, Graduate School of Geography.

Ernest Raymond Whitman 48 Downing St.
Director of Physical Education.

SERGIUS J. BERNARD Assistant Director of Physical Education.	1174 Main St.
MICHAEL B. FOX, M.D. Medical Director.	390 Main St.

RESEARCH ASSOCIATES IN BIOLOGY

MARK GRAUBARD, PH.D.
WILLIAM PEARLMAN, PH.D.
RICHARD C. POTTER

RESEARCH ASSISTANT IN BIOLOGY

MARY RUTH JONES, A.B.

STUDENT ASSISTANTS

Biology

WILLIAM J. BETINIS, A.B.
ROBERT T. COSSABOOM, A.B.
IRVING WEISS, B.S.

Chemistry

JOHN B. FOLEY, A.B.
PAUL FRAM, A.B.
EVERETT D. GLOVER, A.B.

Economics and Sociology

HERMAN KLEINE, B.S.
H. LEE SEITZER, A.B.

Geography

GEORGE F. DEASY, A.M.
VAN H. ENGLISH, A.B.
LOUIS H. KOSTANICK, A.B.
GERTRUDE L. MCKEAN, A.M.

Geology

HANFORD L. KING

History and International Relations

EDWIN S. COSTRELL, A.M.
HERBERT REINER, JR., A.B.

Physics

WALLACE D. KILPATRICK
ALLEN S. DUNBAR

Psychology and Education

H. JEANNE ERBE, A.B.	HARRY J. OLDER, A.B.
JOHN K. HEMPHILL, A.B.	LOWELL S. TROWBRIDGE, B.B.A.

Curator in Dramatic Art

DAVID H. HORNE

FLORENCE CHANDLER Bursar.	18 Downing St.
LYDIA P. COLBY Recorder.	276 Highland St.
JOHN W. BOARDMAN Superintendent of buildings and grounds.	15 Shirley St.

Administrative Boards and Committees

THE UNIVERSITY FACULTY

The Faculty consists of the President, the Librarian, and all members of the staff giving regular courses of instruction. It has immediate supervision over the general educational work of the university and is responsible for the nomination to the Board of Trustees of candidates for baccalaureate degrees and for honorary degrees.

Secretary of the Faculty, Benjamin S. Merigold.

THE UNIVERSITY SENATE

An advisory board appointed by the President

George H. Blakeslee
Samuel J. Brandenburg
Philip H. Churchman
Loring H. Dodd
Robert S. Illingworth
Clarence F. Jones
Vernon Jones
Homer P. Little
Benjamin S. Merigold

THE GRADUATE BOARD

The Graduate Board consists of the President and representatives of the departments offering advanced graduate instruction. It has general control of the work of the Graduate Division and is responsible for the nomination to the Board of Trustees of candidates for the degrees of Master of Arts and of Doctor of Philosophy.

President Wallace W. Atwood, *ex officio*

George H. Blakeslee
Samuel J. Brandenburg
Jesse L. Bullock
W. Elmer Ekblaw
Hudson Hoagland
Clarence F. Jones
Vernon Jones
Dwight E. Lee
Arthur F. Lucas
James A. Maxwell
Benjamin S. Merigold
David Potter
Samuel Van Valkenburg

H. Donaldson Jordan, *Secretary*

THE COLLEGE BOARD

The College Board consists of the President, the Dean of the college, and six members of the Faculty, appointed by the President. It has immediate supervision over the work of the Undergraduate Division, subject to the control of the Faculty, and recommends to the Faculty candidates for the degree of Bachelor of Arts.

President Wallace W. Atwood } *ex officio*
Dean Homer P. Little }
H. M. Bosshard
F. Eugene Melder
Rudolph F. Nunnemacher
Donald E. Super
Wallace W. Atwood, Jr.
Dwight E. Lee, *Secretary*

THE COMMITTEE ON EXTENSION COURSES AND SPECIAL STUDENTS

The Committee exercises general supervision over "courses of college grade for adults" and over special students including candidates for the degree of Bachelor of Education, and recommends to the Faculty, candidates for this degree.

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Philip H. Churchman, *Chairman*
Samuel J. Brandenburg, *Secretary*
H. M. Bosshard
H. Earle Johnson
Homer P. Little
The Director of the Summer School, *ex officio*

THE COMMITTEE ON THE SUMMER SCHOOL

President Wallace W. Atwood, *ex officio*
George H. Blakeslee
Samuel J. Brandenburg
Robert S. Illingworth
S. Van Valkenburg

THE COMMITTEE ON PERSONNEL AND ORGANIZATION

Elected annually to advise the President regarding the personnel and the organization of departments.

Vernon Jones
Dwight E. Lee
Benjamin S. Merigold
Homer P. Little
James A. Maxwell

THE COMMITTEE ON CURRICULUM

President Wallace W. Atwood } *ex officio*
Dean Homer P. Little }
Philip H. Churchman, *Chairman*
Leroy A. Ames
Loring H. Dodd
Samuel J. Brandenburg
Vernon Jones
Dwight E. Lee

STANDING COMMITTEES OF THE GRADUATE BOARD

The President of the university is, *ex officio*, a member of all committees of the Graduate Board.

THE COMMITTEE ON CREDENTIALS

The committee passes upon applications for admission to the graduate division and makes recommendations to the Graduate Board in respect to fellowships and scholarships and candidacy for graduate degrees.

Clarence F. Jones, *Chairman-Secretary*
George H. Blakeslee
Samuel J. Brandenburg
Vernon Jones
Benjamin S. Merigold

THE COMMITTEE ON PROFICIENCY IN FOREIGN LANGUAGES

The committee examines candidates for the degree of Doctor of Philosophy for proficiency in foreign languages.

Philip H. Churchman, Professor of Romance Langages
H. M. Bosshard, Associate Professor of German
A representative of the student's major department.

STANDING COMMITTEES OF THE COLLEGE BOARD

The President of the university and the Dean of the college are, *ex officio*, members of all committees of the College Board.

EXECUTIVE COMMITTEE

Dwight E. Lee, *Secretary*
Donald E. Super

THE COMMITTEE ON ADMISSIONS

Samuel J. Brandenburg
Robert S. Illingworth
Carey E. Melville
Benjamin S. Merigold

COMMITTEE ON DEPARTMENTAL HONORS

Vernon Jones, *Chairman*
Leroy A. Ames
Samuel J. Brandenburg
H. Donaldson Jordan
David Potter
David M. Dougherty

THE COMMITTEE ON ATHLETICS

David Potter, *Chairman*
Arthur F. Lucas
Ernest R. Whitman
James A. Maxwell

COMMITTEE ON STUDENT FINANCES

Guy H. Burnham, *Chairman*
James A. Maxwell
Ernest R. Whitman

COMMITTEE ON SOCIAL AFFAIRS

F. Eugene Melder, *Chairman*
Wallace W. Atwood, Jr.
H. Donaldson Jordan

COMMITTEE ON FRATERNITIES

Dwight E. Lee, *Chairman*
W. Elmer Ekblaw
Arthur F. Lucas

COMMITTEE ON PUBLICATIONS

Leroy A. Ames, *Chairman*
H. M. Bosshard
Percy M. Roope

General Information

Clark University is located in Worcester, Massachusetts, an industrial and educational center with a population of about two hundred thousand. It is approximately forty miles from Boston and from Providence, R. I., and about two hundred miles from New York City.

THE STORY OF CLARK

Clark University owes its existence to the interest in higher education of Jonas Gilman Clark. Mr. Clark, one of eight children, was born in Hubbardston, Worcester County, February 1, 1815 and spent his boyhood on his father's farm. Though his formal education was meager, he took advantage of every opportunity offered for improvement. At the age of sixteen he learned the trade of a wheelwright and at twenty-one set up in business for himself. Nearly every venture he undertook proved a success. In 1853, Mr. Clark moved to San Francisco and became one of the most successful merchants on the Pacific Coast. During the Civil War, he worked for the Union cause and about the time the war was over he moved East. After a brief residence in New York, he returned to Worcester to make his permanent home—one of the wealthiest men in New England. His success in business was the result of his intense energy, resourcefulness, unremitting work, farsightedness, and keen business judgment. Being fond of travel, Mr. Clark made five extended visits to Europe. He read widely, collected books and manuscripts, and interested himself especially in libraries and universities.

Conscious of the meagerness of his own early educational opportunities, Mr. Clark devoted his later years to the establishment and nurture of the institution which bears his name. In this he was ably assisted by prominent citizens of Worcester, nine of whom he chose as trustees. The university was chartered by the General Court of Massachusetts in 1887. For president, the trustees selected Granville Stanley Hall who had spent six years studying in European universities and who was making a national reputation as Professor of Psychology at The Johns Hopkins University. He was enthusiastic for research, intellectual freedom and high standards of scholarship. In giving up his career at Johns Hopkins, Dr. Hall had visions of establishing in Worcester a purely graduate institution of intellectual distinction. Mr. Clark agreed to President Hall's plans with enthusiasm. The opening exercises of the new university were held on October 2, 1889. The trustees and President Hall brought together a small but distinguished faculty. The brilliant work of these men soon made an enviable reputation for the graduate division of the university. In 1900, when the Association of American Universities was founded, Clark University was one of the fourteen charter members.

Though Mr. Clark actively supported the work of the graduate division, his interest in the establishment of a collegiate division never waned. At his death in 1900, he provided by his will that most of his estate, and at Mrs. Clark's death, practically all of it, should go to the university, special provision being made for the establishment of an undergraduate division. This division, he indicated, should, in the beginning, have its own president but be under the same business control as the graduate division. His will also provided separate endowments for the library and for an art department.

The collegiate division, which soon came to be known as Clark College, was opened in 1902. The selection as president of Colonel Carroll Davidson Wright, then United States Commissioner of Labor, brought to the college the prestige of a national reputation and the skill of an experienced administrator. The tuition was low, at first only $50 a year, and the course could normally be finished in three years. Some members of the university faculty assisted in the organization of several departments in the undergraduate division. A beautiful library building was completed in 1904 and an addition built in 1910. A dining hall was built in 1908. In 1909, at the death of President Wright, the trustees elected as his successor, Edmund Clark Sanford, then professor of psychology in the graduate division. The decade which followed, under President Hall and President Sanford, was marked by successful achievements in both graduate and undergraduate divisions. Mr. Clark's bequests had made possible marked development in both the university and the college.

Since 1919 Clark University has witnessed significant changes in administration and development. In that year, President Hall, after thirty-two years of distinguished service as head of the university, resigned and the following year his resignation was accepted. At the same time, President Sanford asked to be permitted to return to professorial work. Despite its creditable early record, Clark was facing difficulties. While funds available for graduate work in many large institutions of the country had been growing rapidly, those at Clark had remained stationary for twenty years. Consequently, the university was finding itself outdistanced both in facilities and in students by other institutions. President Hall's resignation removed the intellectual leader whose reputation had been a great asset. In the college the continuing low tuition resulted in inadequate income.

Under these conditions the trustees, after long deliberation, decided to place the undergraduate and graduate divisions under a single administration and to modify the graduate work. A graduate school of geography, similar to those in certain European universities, was established with the expectation of making a contribution to higher education in America, where very little advanced work had been done in many phases of that subject. Wallace Walter Atwood, then professor of physical geography at Harvard University and a recognized leader in advanced geography, was elected president. Under President Atwood, who entered upon his duties at the beginning of the academic year 1920, the undergraduate and graduate faculties were merged into a single body in 1921–22. In both divisions the requirements for admission were made more exacting; several additions were made to the faculty; provision was made for retirement annuities; plans for leaves of absence for the promotion of research were adopted; and the number of students, both graduate and undergraduate, showed a marked increase.

The Graduate School of Geography was opened in the fall of 1921 and the departments of history and international relations and of economics and sociology were soon strengthened by additional instructors. A summer school, offering work at both the graduate and undergraduate levels, was opened in 1921 and has continued to the present time. In 1925 an extension division was established, offering work in the late afternoons and on Saturdays, primarily for teachers and other adults in the community. The university was greatly aided by the noteworthy bequest of Dr. Granville Stanley Hall, who died in 1924 leaving upwards of $160,000 as an endowment for research in genetic psychology. In 1936, work leading to the degree of Master of Arts in Education was introduced. The Graduate Division of International Affairs began work in the fall of 1941.

Significant changes have been made in the undergraduate division. Beginning with the class which entered in September 1922 the requirements for graduation were increased and a four-year course became the normal one leading to the degree of Bachelor of Arts. During the decade from 1910 to 1920 the tuition had advanced to $150 and in 1922 it was raised to $200. Scholarships were established for students with superior ability. In 1940 the tuition was increased to $240. A department of instruction in fine arts was organized in 1940 and the Division of Business Administration early in 1941. In 1941, the Women's College of Clark University was authorized by the Board of Trustees and plans were made to receive a limited number of women in the fall of 1942.

Distinct improvements have been made since 1920 in the physical equipment of the university. By the generosity of Arthur E. Estabrook, a trustee from 1904 to 1919, who bequeathed the university $100,000, a dormitory was provided in 1924 by adding two stories to the dining hall. In the same year the trustees purchased land, not far from the campus, for an athletic field. Alumni raised substantial sums for grading the grounds and to help in the provision of the field-house. After an active alumni campaign during 1936 and 1937, in which many alumni and nearly 100 per cent of the faculty and students in residence contributed, the Alumni Gymnasium was completed and dedicated in 1938. With the aid of citizens of Worcester, the library tower and the new auditorium, Atwood Hall, were completed and dedicated in 1939.

ORGANIZATION

The UNIVERSITY includes:

THE UNDERGRADUATE DIVISION (Clark College) offering to men a general college course leading to the degree of Bachelor of Arts; and a vocational course leading to the degree of Bachelor of Business Administration.

THE DIVISION OF BUSINESS ADMINISTRATION which supervises, in the college, the program leading to the degree of Bachelor of Business Administration.

THE WOMEN'S COLLEGE offering to women, in co-operation with Clark College, courses leading to the degrees of Bachelor of Arts and Bachelor of Business Administration.

THE GRADUATE DIVISION offering advanced instruction leading to the degrees of Master of Arts and Doctor of Philosophy.

THE GRADUATE SCHOOL OF GEOGRAPHY offering special training leading to higher degrees in geography.

THE GRADUATE DIVISION OF INTERNATIONAL AFFAIRS offering work leading to higher degrees in international affairs.

THE GRADUATE DIVISION OF EDUCATION, in the Department of Psychology and Education, offering work leading to the degree of Master of Arts in Education.

The Summer School* offering both undergraduate and graduate instruction with special reference to candidates for the degrees of Bachelor of Education and Master of Arts.

The Extension Division offering courses at the university in the late afternoon, evenings and on Saturday, with special reference to the needs of candidates for the degree of Bachelor of Education.

The Library with its separate endowment, offering unusual opportunities for study and research.

The Art Department with its separate endowment for the preservation and expansion of the art collection.

The Clark University Press is associated with the university in the publication of scientific books and journals.

Departments at present offering courses of study are:

Ancient Languages and Literatures
Biology
Chemistry
Economics and Sociology
English Language and Literature
Fine Arts
Geography
Geology
German Language and Literature
History and International Relations
Physics and Mathematics
Psychology and Education
Romance Languages and Literatures

Courses in business administration are offered under the supervision of the Division of Business Administration. Courses in music and in the cultural development of various peoples are offered in the Department of Fine Arts. A course in recreational leadership is offered by the Director and Assistant Director of physical training.

THE WAR-TIME PROGRAM

The university calendar (page 5) has been modified to meet war-time needs, and will remain as stated below until further notice.

Work will be carried on throughout three terms in each calendar year.

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*Merged with the summer term in 1942.

The "fall term," beginning about September 20, and ending late in January, and the "spring term," beginning late in January and ending about the middle of May, will enable an undergraduate to follow, as in the past, a program leading to a bachelor's degree in four calendar years. These two terms will constitute the standard "academic year" for graduate students.

The "summer term," beginning in May and continuing for twelve weeks, until the middle of August, has been introduced primarily to make it possible for an undergraduate to complete the college course in three calendar years or less.

The summer term will be an integral part of the college year for those who take advantage of it. The same courses will be offered by the same instructors as during the other two terms. The plan of work will, however, be different:—each course will meet for five sixty-minute periods weekly and two courses will constitute a normal program.

The summer term will be divided into two six-week sessions in each of which a large group of "half courses," each yielding credit equivalent to three semester hours, will be offered. The second session, beginning about July 4th, will provide the courses required by those who need to attend a six-week summer school.

ADMISSION

Three classes of students are admitted:

1. Undergraduates. For requirements see announcement of the Undergraduate Division.

2. Graduate students. For requirements see announcement of the Graduate Division.

3. Special students. (a) Mature persons, not candidates for a degree, who wish to take advantage of the opportunities for study afforded by the university, and who give satisfactory evidence of adequate preparation for the work which they wish to undertake. (b) Candidates for the degree of Bachelor of Education.

Special students are under the supervision of the Committee on Extension Courses and Special Students: they are not classified as college students or as graduate students.

The university reserves the right to require the withdrawal at any time of any student whose record in either conduct or scholarship fails to meet the expectations implied by his admission.

Requests for information and for application forms should be addressed to CLARK UNIVERSITY, 950 MAIN STREET, WORCESTER, MASSACHUSETTS.

MATRICULATION FEE

A matriculation fee, $5, is required of all students who formally enroll in Clark University. This fee is paid but once, and permits a student to return in successive years, or after a period of absence, without further charge for matriculation.

Students who enter the university for the first time in either session of the summer term, pay the matriculation fee.

Persons who enroll as "auditors" are not required to matriculate.

Official statements of record are issued by the Recorder of the university for matriculated students only.

TUITION

Fall term and spring term. Tuition for undergraduates and graduate students is $120 per semester (fall term or spring term). In addition, each undergraduate pays an "activities fee" of $10 for each of these terms. Each freshman pays an "induction period fee" of $2.

Graduate students who enroll for less than a full program are charged at the rate of $12 per term for each semester hour.

Tuition is due and payable at the beginning of each term. If tuition is not paid within ten days after it is due the enrollment of the student lapses. A student whose enrollment has lapsed for non-payment of tuition may be re-enrolled, with the permission of the proper administrative officer, on payment of the overdue tuition with an additional fee of $2.

Summer term. Tuition in the summer term, with a normal program, is $48 for each session of six weeks. Tuition is charged at the rate of $8 per semester hour for other programs. With a normal program an undergraduate student is expected to earn six semester hours of credit in each six-week session.

Tuition is due and payable at any time before 5 P. M. of Thursday, May 28 for the first session and Thursday, July 9 for the second session.

Extension courses. Tuition in extension courses ("courses of college grade for adults") is $8 for a course meeting one hour per week for sixteen weeks, and $15 for a course meeting two hours per week for sixteen weeks.

The following regulation was adopted by the trustees on March 28, 1931:

"No refund of tuition and no release of obligation to pay tuition shall be made because of failure for any reason on the part of a student to complete the work of any semester after it is begun."

During the national emergency the university has made a pro rata allowance for the unused portion of the tuition paid by any student who has left the university to join the armed forces of the United States or its allies.

LABORATORY FEES AND DEPOSITS

Laboratory fees, payable at the time of registration, are charged in undergraduate "laboratory courses" as follows:

$5 for each half-course (three semester hours) in the fall term and in the spring term.

$5 for each half-course (three semester hours) in each session of the summer term.

For courses yielding other amounts of credit the fees are adjusted on the above basis.

A "breakage deposit" is required in all undergraduate "laboratory courses" in chemistry. These deposits are collected by the Bursar according to the following schedule:

$10, payable in September, for each course running through both the fall term and the spring term and yielding a total credit of "one course" (six semester hours).

$5, payable at the time of registration, for each course running through a single term and yielding credit for a "half-course" (three semester hours).

$5, payable at the time of registration, for each "half-course" (three semester hours) of credit in the summer term.

For courses yielding other amounts of credit, the deposits are adjusted on the above basis.

The Bursar returns any unused balance and collects any charge for breakage in excess of the deposit, after the course is completed.

Graduate students taking undergraduate courses pay the same fees and deposits as undergraduates.

A deposit of $25 is required of each graduate student in the department of chemistry, at the beginning of the year. Ordinary supplies and materials are charged to the student's account at cost. Any balance remaining is refunded at the end of the year.

DIPLOMA FEES AND PUBLICATION FEES

For a bachelor's degree, the diploma fee, $5, is due at the beginning of the term in which the candidate expects to complete work in residence for the degree.

For a master's degree, the publication fee, $10, and the diploma fee, $10, are due when formal application for admission to candidacy for the degree is filed.

For the degree of Doctor of Philosophy, the publication fee, $15, and the diploma fee, $25, are due when formal application for admission to candidacy for the degree is filed.

MISCELLANEOUS FEES

Graduate students who use the gymnasium pay a fee of $5 each term.

A fee of $10 per term, in addition to the regular tuition, is charged for the course "Practical Art" given at the Worcester Art Museum.

Graduate students in geography pay, in addition to the regular tuition, a "camp fee," a "workroom fee" and a "classroom-materials fee." For details see the announcement of the Graduate School of Geography.

DORMITORIES AND DINING HALL

The university has two dormitories: Estabrook Hall, primarily for freshman men, and Graduate Hall which houses a group of graduate students and members of the faculty.

Freshmen not living at home are required to room in Estabrook Hall. Rooms not required by freshmen may be rented by men of other classes in the college or by graduate students. The cost per student varies from $110 to $125, or more if an individual requests exclusive use of a room. Dormitory room rent is payable either in advance, or one-fifth at the beginning of each term and one-tenth on the first day of November, December, January, March, April, and May.

Students living in Estabrook Hall pay a deposit of $25 each year from which is deducted a charge for lights and for any damage to the room or its furnishings.

In Graduate Hall many of the quarters are assigned to scholars or fellows. Quarters not so assigned may be rented by members of the faculty or by graduate students.

Undergraduates who do not live in their own homes are required to board at the dining hall. Other students may secure meals there, either singly or by the week. Board is furnished at a reasonable rate which varies from year to year. During the current year the charge is $7.50 per week. No reductions are granted for absences of students who are required to board at the dining hall, except in cases of protracted illness.

EXPENSES

A student in the college who lives at the dormitory and takes his meals at the dining hall will find that his necessary expenses for the college year (September to May) amount to about $650, exclusive of such variable items as cost of travel, clothing and laundry, recreation, etc.

This expense is distributed as follows:

Matriculation (first year only)	$5.00
Tuition	240.00
Room rent	110.00–125.00
Board (32 weeks at $7.50)	240.00
Activities fee	20.00
Laboratory fees (estimated)	10.00
Books and supplies (estimated)	25.00
Total	$645.00–665.00

During the summer term beginning in May and ending in August, rooms in Estabrook Hall are available for men students at a cost to each student of $3 or $3.50 per week. Women students, excepting those who are candidates for a bachelor's degree in Clark University, may secure rooms in Graduate Hall at rates corresponding to those which have been in effect at Estabrook Hall for summer school students in previous years.

The dining hall will be operated for the benefit of students attending the summer session if there is sufficient demand for this accommodation.

The Library

Edith M. Baker, *Acting Librarian*
Helen J. Elliot, *Cataloguer*

Assistants

Margaret A. Furth
Irene Gelatis
Marion Henderson
Alice M. Price

Student Assistants

Donald W. Kuhn
Robert T. Marsh

The library, under the terms of Mr. Clark's will, received one quarter of his estate for the "support and maintenance of a university library." Thus the library is well endowed and is able to provide amply for the needs of all departments. It contains over 168,000 bound volumes and pamphlets, and the reading room receives 610 journals.

A new stack room in the form of a tower has been added to the library, which should provide for fifty years' growth.

Particular attention is paid to the needs of students engaged in research work. The library already possesses a good collection of complete sets of the best scientific periodicals. It makes liberal purchases for individual needs and supplements these by drawing upon the resources of the older and larger libraries through the inter-library loan system. The number of books added each year is about 2,500.

The books in the art department are accessible on application to the Librarian, but, by the terms of the founder's will, they may not be taken from the building.

Tuesday morning of each week, all books recently added to the library are placed upon a table in the reference section, where they remain for one week. This affords the members of the university an opportunity to examine the new books in all departments before they are placed upon the shelves for circulation.

The library is open from 8 A. M. to 10 P. M. each week day (except on legal holidays), during the regular sessions of the university. During the summer term the library is open from 8 A. M. to 6 P. M.

In addition to the facilities provided by the university library, students may avail themselves of several other excellent libraries in the city. The Worcester Public Library contains some 333,000 volumes and makes accessible to the public about 500 newspapers and magazines. The library of the American Antiquarian Society, housed in the national headquarters of the society in Worcester, contains about 136,000 volumes and some 202,000 pamphlets. The library of the Worcester District Medical Society is also at the disposal of members of the university.

THE ART COLLECTION

LORING HOLMES DODD, *Curator of Art*

In his last will and testament the founder of the university bequeathed to it his collection of oil paintings and other works of art, together with the sum of $100,000 as a permanent and separate endowment for the maintenance and enrichment of the "art department." Under these conditions a large room on the upper floor of the library building has been furnished and equipped with overhead lighting. In this room are displayed a selection from Mr. Clark's paintings and other works of art, his most valuable and finely bound books, and additional objects, especially portraits of persons of long and eminent service to the university. Special exhibitions are arranged from time to time.

The Undergraduate Division

"CLARK COLLEGE"

The college offers a general program leading to the degree of Bachelor of Arts, and a vocational program leading to the degree of Bachelor of Business Administration.

THE NAVAL RESERVE AND THE COLLEGE

The United States Navy Department, by establishing in certain selected colleges a program designated as V-1, leading to enrollment as aviation cadets or reserve midshipmen, has made it possible for young men to enter college as freshmen with the expectation of completing the course before being called to serve in the armed forces. Clark University has been named by the Navy Department as one of the institutions in which students may enroll under this new program. Under this arrangement, physically qualified freshmen and sophomores enlist in the Naval Reserve as apprentice seamen and follow a prescribed course of study which does not interfere with the basic program in liberal arts or business administration. Students who take advantage of this plan and who pass the Navy's qualifying examination late in their sophomore year are permitted to continue their undergraduate work under inactive V-7 (reserve midshipman) status, or to begin training as aviation cadets. The course which leads to a commission in the Naval Reserve may be completed, together with all the requirements for the bachelor's degree, in three years or less by students who take full advantage of the "accelerated program" made possible by the summer term.

ADMISSION TO THE FRESHMAN CLASS

Inquiries regarding admission and requests for blank forms should be addressed to the Dean of the College, Clark University, Worcester, Mass. Application for admission should preferably be made by March 1. *No application received after August 1 can be promised consideration.*

An applicant for admission to the freshman class is required to furnish satisfactory "character references." He must also furnish his record in the preparatory school in which he is enrolled, or which he last attended. Records of any entrance examinations which he may have taken and of action by any other college in respect to his admission are also required.

The completion of a four-year high school course or its equivalent, including fifteen acceptable units of credit, is required for admission to the freshman class. The term "unit" is understood to mean approximately one-quarter of the pupil's normal program of work for the school year.

The "fifteen acceptable units of credit" must include:

- Required subjects, 5 units.
  - English, 3 units (4 years).
  - *Mathematics, 2 units (algebra and geometry).
- Restricted electives, 7 or more units chosen from;
  - Foreign language, 2, 3 or 4 units. (The college does not accept less than 2 units in any foreign language.)
  - Social sciences, 2 or 3 units (history, government, civics, economics, etc.).
  - Natural sciences, 2 or 3 units (physics, chemistry, biology, etc.).
  - Mathematics, 1 or 2 units (in addition to required units).
- Free electives; not more than 3 units, at the discretion of the committee on admissions, in subjects recognized by the preparatory school in its regular program leading to graduation.

Quality Requirements. Applicants whose references are satisfactory and who are "certified" in fifteen acceptable units will be admitted without conditions.

Applicants who present fourteen "certified" units and one "pass" unit may be admitted with *one condition* (see below); applicants who present thirteen "certified" units and two "pass" units may be admitted with *two conditions*. No applicant will be admitted without at least thirteen acceptable units of "certified" credit, unless his average grade places him in the highest quarter of the class with which he graduates from high school. Applicants who qualify under this provision may be admitted "with two conditions," at the discretion of the Dean of the college.

Certificates are accepted from schools in New England under the regulations of the New England College Entrance Certificate Board.

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*Applicants expecting to specialize in "science" are advised to present at least 3 units of mathematics.

A certificate from a school which lies outside of the jurisdiction of the board may be accepted and will be interpreted in the spirit of the regulations of the board. It will be assumed that the school is willing to be judged, in respect to continued certification privilege, on the basis of the college records of the candidates in subjects which are "certified."

Entrance Examinations. Applicants who cannot present the necessary number of "certified" units should arrange in consultation with the Dean of the college to take "College Board" examinations. The college will determine in each case what constitutes a satisfactory record in the examinations.

Conditions. Conditions may be in specified subjects, or may be general, in the latter case indicating some deficiency in the candidate's preparation as a whole.

Applicants who are accepted "with conditions" have an opportunity to free themselves from these conditions before enrolling, by satisfactory records in "College Board" examinations.

Conditions are removed if, at end of the freshman year, the student has met the scholarship requirements for regular standing, namely, no failures and grades above D+ in three-fourths of the normal credit for the year.

A last chance to remove conditions is offered by "College Board" examinations after the end of the freshman year and before the beginning of the sophomore year.

Each condition not removed before the beginning of the sophomore year is replaced by an additional requirement for graduation amounting to one half course.

ADMISSION WITH ADVANCED STANDING

A student who wishes to enter the college after attending another institution of college grade is required to submit a letter of honorable dismissal, a complete transcript of his record at the institution last attended and such other information as the Committee on Admissions may request. If he is admitted he will be provisionally classified as a freshman, sophomore, junior, or senior and will be permitted to register for a program corresponding to this classification. He will not be given a final class rating until he has been in residence for at least one term.

After a term in residence he will be given conditional credit for the work done elsewhere to an amount determined by vote of the

College Board, on the recommendation of the Recorder and the departments concerned.

The bachelor's degree will not be conferred upon a student until he has spent at least a year in residence at Clark University, and usually not unless the period of residence includes the two semesters immediately preceding the granting of the degree.

FACULTY ADVISERS

When a student is admitted to the college he is assigned to a member of the faculty who will act as his adviser. The adviser will assist the student in making up his program of studies for registration and will be ready at all times to afford him help and counsel, either in regard to problems of college life or other matters.

FRESHMAN INDUCTION PERIOD

The freshman class of the men's college assembles at the college on Friday before the opening of the academic year and spends the period from Friday to Sunday at a near-by camp. There they have opportunity to become acquainted and to complete various important preliminaries before the beginning of class work. The group returns to Worcester on Sunday morning in time for church services.

REGISTRATION

Registration of a program of studies for each term of the college year takes place at or before the beginning of the term. Due notice of registration periods is given. Failure to register before the end of the periods designated involves a charge of $1 for each day's delay up to a maximum of $5.

Changes in registration may be made, on forms supplied by the Recorder, within a reasonable time after the beginning of any term. After the end of this period no changes may be made unless they are authorized by vote of the College Board. Under some circumstances there is a charge of $1 for each change from one course to another.

Freshmen may register for programs of either five or six courses in the first term. In subsequent terms programs of six courses are restricted to students whose average grade in all courses for the preceding term has been C+ or better, except in the case of seniors. A senior whose graduation depends upon the completion of a program of six courses may register for such a program if his average grade for the preceding term has been C– or better.

The designation of a *major subject* is required as part of registration at the beginning of a student's second year in college. This election when once recorded may be changed only with the approval of the Dean. Although the *major subject* is not officially recorded until the student's second year in college, he should plan his program from the beginning with his probable choice in mind.

STUDENT PROGRAMS

The curriculum permits considerable freedom of adjustment to individual differences of interest. Each student's program of studies includes a group of courses constituting a *major*, also courses in English, in foreign language, and in fine arts or music, and other courses chosen under regulations intended to insure a reasonable distribution of work among the various departments. A large part of each program is made up of courses chosen without restriction.

For statements regarding courses which may be combined to form a *major*, the announcements of the different departments should be consulted.

A regular student normally carries a program of five courses in addition to required work in physical training, from September to June. In general it is expected that a course meeting three times weekly will require two hours of preparation for each lecture or recitation. Laboratory periods are usually three hours in length.

A student carrying the regular program should expect his college work to require from forty-five to fifty hours of his time per week, in addition to the work in physical training.

A candidate for the bachelor's degree in less than the normal period of time will generally carry a program of six courses and should expect to spend his entire time on college work.

Subjects in which instruction is offered are grouped in four divisions:

Division A. Biology, botany, chemistry, experimental psychology, geology, mathematics, meteorology, physics, physiology.

Division B. Economics, education, geography, history, international relations, psychology, sociology.

Division C. Ancient languages, English, German, romance languages.

Division D. Fine arts.

A first-year student must make up his program entirely from courses designated as "Open to Freshmen."

A candidate for the degree of Bachelor of Arts must include the following courses in his program for the freshman year:

1. English 11.
2. A course in foreign language.
3. A course in division A.
4. A course in division B.
5. An elective. (Mathematics 10 or 11 for students intending to major in division A.)

A candidate for the degree of Bachelor of Business Administration will follow the program outlined under the announcement of the Division of Business Administration.

A second-year student should complete as many as possible of his remaining requirements.

Any first-year requirements which have not been completed must be included in the program of courses for the second year.

Undergraduates, other than freshmen, may enter any course listed "primarily for undergraduates," for which, in the judgment of the instructor in charge, they are prepared. Seniors and juniors who have completed the published prerequisites are admitted, at the discretion of the instructor in charge, to courses listed "for advanced undergraduates and graduate students." Undergraduates are not admitted to courses "primarily for graduate students" except in rare cases, and then only by special vote of the College Board and the approval of the secretary of the Graduate Board.

Regular physical exercise is required of all students for the general promotion of their health and mental efficiency. This is scheduled at times which avoid conflict with recitation hours. *Students are usually excused from this requirement only on the recommendation of the college physician.*

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

All college regulations involving a quantitative statement of "credit" are expressed in terms of "courses."

A "course" as a unit of credit normally implies three or four class meetings or laboratory exercises per week throughout the academic year (throughout the fall term and the spring term, while the war-time program is in effect) i.e., one-fifth of a student's normal program. Where departments offer fractional courses, these will be combined in reckoning a student's total credit in courses.

A student in good standing in the college will be recommended for the degree of Bachelor of Arts whenever he completes all of the following requirements, unless in the judgment of the College Board there is cause for withholding this recommendation.

1. *Residence.* Not less than three academic years of college study in residence. At least one full year and usually the last year before the degree is conferred must be spent at Clark University.
2. *Course requirements.* Twenty "courses," in addition to required work in physical training, with satisfactory scholarship record.
3. *Physical training.* Three years of physical training, two hours per week. (Three times a week throughout the entire college course, during the present national emergency.)
4. *A major*, i.e. seven courses, approved by the student's major department. Four or five of these courses must be in the major department, the remaining two or three must be in subjects related to the major subject.

   Mathematics is a requirement in the freshman year for a student who intends to major in division A. This course may be included in the seven courses constituting the *major.*

   Elementary Greek or Latin is a requirement in the freshman year for a student who intends to major in division C, unless at least two units of one of these languages have been accepted for admission. This course may be included in the seven courses constituting the *major.*
5. *English.* (i) English 11, or its equivalent; a requirement in the freshman year for all candidates for the degree of Bachelor of Arts.

   (ii) An additional half course in English literature, composition or public speaking.

   (iii) Satisfactory proficiency in the use of English, certified by a faculty committee appointed for this purpose.
6. *Fine Arts or Music.* A half course chosen from the following list: Fine Arts 1, 10 or 11; Music 12, 13, 14 or 15; French 113; German 14 or 141; Greek 17.
7. *Foreign language.** (1) One course in foreign language, required in the freshman year for all students.

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*During the present national emergency provision has been made for meeting this requirement with a program which includes Spanish.

(2) One course in a foreign language at or beyond the level of third-year college courses in that language. This requirement may be met by the course required in the freshman year.

8. *Division A.* Two courses, one of which must be a "laboratory course"; or one "laboratory course" and two half courses.

   This requirement is reduced to one "laboratory course" in the case of students whose admission record includes credit for four units in science (not including mathematics).

   Courses in the history of the sciences are not counted toward the fulfilment of this requirement.

9. *Division B.* Two courses, or the equivalent in half courses.

GRADING AND SCHOLARSHIP

At the end of each term a final grade—in terms of A, excellent; B, good; C, average; D, poor; F, failure—is reported for each course. The modifying symbols plus (+) and minus (–) are used to indicate variations within each general classification. A report of "incomplete" is permitted only when severe sickness or some equally unavoidable circumstance prevents the completion of a course. Failures may not be "made up," except by repeating the course.

Courses with grades of D+, D or D– may be counted toward a bachelor's degree only up to a maximum of one-quarter of the total credit required; i.e., not more than five (5) such courses, or their equivalent in fractional courses, may be counted. If grades are not given in some of the twenty courses required for the degree, the maximum credit which may be counted with grades of D+, D or D– is reduced to one-quarter of the total credit from courses in which grades are given.

CLASSIFICATION OF STUDENTS

Students are classified as freshmen, sophomores, juniors and seniors on the basis of the amount of credit toward the bachelor's degree shown by their records at the beginning of each academic year. It is to be noted that this classification involves the question of quality as indicated in the preceding section. Neither length of residence nor number of courses completed will change a student's classification unless the required quality of work has been done.

A student who, at the beginning of any academic year, has credit of less than two and one-half courses is classified as a *freshman* for that year.

A student who, at the beginning of any academic year, has credit of two and one-half courses or more, but less than eight courses is classified as a *sophomore* for that year.

A student who, at the beginning of any academic year, has credit of eight courses or more but less than fourteen courses is classified as a *junior* for that year.

A student who, at the beginning of any academic year, has credit of fourteen courses or more is classified as a *senior* for that year.

A student who has announced his intention of becoming a candidate for the degree of Bachelor of Arts in less than four years and who, at the beginning of his third year has completed not less than two-thirds of the twenty courses required for graduation is classified as a *senior* for that year.

Any student who, at the beginning of any term, is clearly in a position to complete the requirements for the degree before the beginning of the next term is classified as a *senior*.

ABSENCES

Regulations applying to absences from scheduled class meetings and laboratory exercises are based upon the conviction that such absences, regardless of their cause, involve a loss to the student and a drag upon the class. Students are, accordingly, expected to be consistently regular in attendance. Subject to this general provision, students are given a considerable degree of freedom in the control of their attendance. It is expected that such freedom will not be abused, and that it will contribute to the growth of each student's sense of responsibility.

Detailed regulations in harmony with the foregoing principles are posted on the official bulletin board for the guidance of students. They are also published in the Students' Handbook, issued annually by the Clark Christian Association. Students are expected to familiarize themselves with these regulations.

Seniors are exempt from regulations providing a penalty for absences from class or laboratory exercises. They are, however, responsible for all of the regular requirements of any course, including tests and examinations at times set by the instructors in charge.

Sophomores and juniors who attain an average of B– or better in any term are exempt from all regulations relating to attendance at class meetings or laboratory exercises in the following term. They are, of course, responsible for all subject matter presented in class and for all laboratory exercises, quizzes and examinations.

No students are exempted from regulations relating to attendance at the weekly assembly or physical training.

GENERAL HONORS

First honors and *second honors* are awarded annually to members of each class who have, in the judgment of the College Board, distinguished themselves by their scholarship during the year.

The bachelor's degree is awarded *with honor*, *with high honor*, and *with highest honor* to members of each graduating class whose records, in the judgment of the College Board, warrant this distinction.

DEPARTMENTAL HONORS

An "honors program," leading to the degree of Bachelor of Arts with honors in a particular department, may be undertaken by a member of the junior class if his cumulative scholarship average places him among the highest third of his class. This plan permits an able student to organize the work of his junior and senior years into a unified program which may include a certain number of "honors courses." In these he works with a considerable measure of independence under the supervision of an "honors adviser" assigned by his major department. Two of the twenty courses required for graduation may be "honors courses."

Application for honors work should be made, in writing, to the major department not later than the first day of May of the sophomore year. The application, if favorably endorsed by the department, comes before the College Board for final action. The College Board may, at its discretion, consider applications for admission to candidacy for departmental honors as late as the end of the first semester of a student's junior year.

A candidate for departmental honors will receive the degree of Bachelor of Arts with honors in his major subject if he completes the general requirements of the college, and in addition thereto:

(a) Maintains a scholarship standing such that his current average (not cumulative) for each semester places him in the upper half of his class.

(b) Completes satisfactorily the program of regular course work and of independent supervised study referred to above.

(c) Passes satisfactorily a comprehensive examination in his major subject, requiring not less than two nor more than three regular three-hour examination periods or their equivalent. At least three hours of this total must be devoted to a written examination. The comprehensive examination, with the possible exception of laboratory tests, is given near the end of the candidate's last term in residence.

(d) Is recommended for departmental honors by his major department and by the College Board.

Admission to candidacy for departmental honors does not relieve a student from any of the standing regulations of the college except as specifically stated above. If a student's candidacy for honors is terminated for any reason, the amount of credit, if any, to be allowed for special honors courses will be determined by the College Board in consultation with the major department.

SCHOLARSHIP SOCIETY

The Clark Scholarship Society was organized in 1914. Its object is, "to maintain a high and broad conception of scholarship; to encourage devotion to scholarship, so conceived; to promote a close relation for mutual benefit between the undergraduate members and the faculty members of the society." Membership in the society is open to members of the faculty. Student members are elected at the end of the junior year from the men of high standing in the junior class. Nominations are made by the College Board and the undergraduate members of the society elect from the men so nominated. Additional nominations are made at the middle and end of the senior year.

EXTRA-CURRICULAR ACTIVITIES AND STUDENT LIFE

Student life at Clark is, as would be expected at a small institution, friendly and informal. Fixed rules and regulations are few, the assumption being that students will conform to the recognized standards of morality, good order, and gentlemanly conduct. College activities are, however, under sufficient faculty oversight to insure responsibility in business dealings and consideration of the welfare of the individual student and of the college community.

The Activities Fee. Athletics and several non-athletic activities are partially supported by the "activities fee." This fee admits a student, without additional charge, to all athletic contests held on the college grounds, provides him with the college newspaper and admits him to plays and concerts presented by the dramatic and musical clubs.

Activities. Clark students have opportunity to participate in intercollegiate soccer, baseball, tennis, and basketball. In recent years the college teams have been particularly successful in basketball. A competent coach has immediate supervision over the athletic teams. General supervision of the athletics program is vested in the Athletics Board, consisting of the Director of physical training, the faculty Committee on Athletics, two alumni, and nine students. The Committee on Athletics has authority to revise or to veto decisions of the Athletics Board.

In addition to intercollegiate athletics, a steadily increasing intramural program gives opportunity for widespread participation in games and contests of various sorts.

Opportunities for recreation, outside of athletics, are found in dramatic clubs and musical clubs, under expert direction; in editing and publishing the college newspaper (*The Scarlet*) and the senior yearbook (*The Pasticcio*); also in such organizations as the Debating Club and International Relations Club. Gryphon, the senior honorary society, plays an important part in campus life. Non-athletic activities are under the jurisdiction of the Student-Faculty Council.

Weekly teas at the Alumni Gymnasium give opportunity for informal social contacts with members of the faculty and their wives and with fellow-students. Formal "proms," informal "Bohemes" and fraternity activities furnish further opportunities for social life. For many students, the most prized opportunity for social contacts is in the offices and laboratories, where members of the faculty may be visited with ease and freedom. The small size of Clark College encourages an intimacy which would be much more difficult to obtain in a large institution.

Eligibility. Participation in organized extra-curricular activities is denied only when a student's scholastic record indicates that continuance in an activity might be responsible for scholastic failure. A student is "eligible" if at the end of any half term he has (a) "passed" in all courses and been graded at least C– in one of them, or, (b) "passed" in all but one course and been graded at least C– in two of them.

A student who does not meet the above requirements is ineligible to participate in organized extra-curricular activities. Also ineligible, is any student carrying less than a full program of studies unless his program permits graduation at the end of the term in which the reduced program is carried.

A special student *is not a college student* and is therefore ineligible. The College Board may, however, confer eligibility upon a special student who is enrolled for a full program (five courses).

Students admitted with advanced standing from another college are ineligible during the first half term of residence at Clark College.

Ineligibility becomes effective the eleventh day after the beginning of a half term and continues through the tenth day of the succeeding half term.

SCHOLARSHIPS

Applications for undergraduate scholarships should be filed at an early date on forms which may be secured at the college office.

Fewer than the full number of scholarships may be awarded in any year if for any reason this seems advisable.

THE JONAS G. CLARK SCHOLARSHIPS, established by the trustees, provide scholarships of the value of one hundred dollars each to fifty undergraduates. Twenty of these are for students in the freshman class, eight of them being for graduates of the high schools of Worcester. To be eligible for one of these scholarships, an applicant must have ranked in the highest quarter of the class in which he graduated from preparatory school. Of the remaining thirty scholarships, ten are reserved for each of the three upper classes. Students who rank in the upper quarter of each class are eligible for these scholarships.

Since these grants are for the encouragement of high grade scholarship, they are subject to the following conditions: (1) one-half the value of a scholarship is deducted from the term bill of the holder for the term beginning in September and the other half at the beginning of the following term; (2) a scholarship is automatically forfeited for the second term if the holder fails to maintain rank in the upper half of his class during the first term.

THE SANFORD MEMORIAL SCHOLARSHIP FUND, established by alumni of the university, provides an annual scholarship, amounting at present to $200, for a student in the college.

THE LIVERMORE AND AMBULANCE SCHOLARSHIP was endowed by citizens of Worcester in honor of Charles Randall Livermore, the first Clark man to fall in battle in the World War, and of his companions in the Clark Unit of Ambulance Drivers. Fifty dollars or more is awarded annually, on the basis of academic success, character, and usefulness to the college. This scholarship is for students who are residents of Worcester County.

The Henry A. Willis Fund provides scholarships for students from Fitchburg, Massachusetts, and vicinity. In the absence of suitable candidates from this community grants may be made to others.

The Charles B. Randolph Scholarship Fund, established by the late Professor Randolph provides about $300 annually which is available for scholarships for college students whose "major" is a foreign language.

The Gordon A. Hubley Scholarship Fund of approximately $25,000 was bequeathed by Alice B. Hubley in memory of her son, a graduate of the college in the class of 1910. The income is to be used for the assistance of undergraduates who are residents of Worcester.

The B'nai Brith Scholarship, provided by the Worcester chapter, Order of B'nai Brith, is primarily but not exclusively for the aid of Jewish students.

The Probus Club of Worcester offers a scholarship of one hundred dollars.

The Harry G. Fager Scholarship of the Odin Club is awarded annually to some young man of superior scholarship and personality with limited means, and of Scandinavian blood, from Worcester or vicinity. This scholarship, $200, is awarded every second year to a student at Clark University.

The Clark University Faculty Women's Club offers scholarships to students who rank high in intellectual and personal qualities. The club is assisted by alumnae and wives of alumni.

For the year 1942–43, the club offers a scholarship of $100, in addition to scholarships for women which are announced under the heading "The Women's College of Clark University."

The Clark University Alumnae Association has, for several years, offered a scholarship of one hundred dollars to an undergraduate.

Aid given in the form of scholarships is not regarded as a loan. It is recognized, however, that those who receive such aid may wish to return the amount in later years. Any sums received from this source will be added to the Alumni Loan Fund of the College.

LOAN FUNDS

Loans are covered by endorsed notes payable at a fixed date and bear interest at the rate of 4 per cent per year. Interest received from loans is in all cases added to the fund from which the loan was made.

The Alumni Loan Fund is a permanent revolving fund established by the trustees and the alumni. To this has been added a fund of about $500 contributed by L. Kelly Foster, C. B. L. Kelley, Isadore Lubin, H. M. Smith, and others.

The Estabrook Loan Fund was created by the generosity of the late Arthur F. Estabrook of the Board of Trustees.

The Haskell Talamo Loan Fund has been established by relatives and friends of the late Doctor Haskell Talamo, A.B., Clark University, 1916.

Loans from the funds described above are made to undergraduates by the Dean of the college in co-operation with the Alumni Committee on Loans.

The Sarah M. Thurber Loan Fund was established by the late Dr. Charles H. Thurber, former president of the Board of Trustees, as a memorial to his mother. The fund is administered by the President of the university.

VOCATIONAL COUNSELING AND PLACEMENT SERVICE

The Personnel Bureau has been established in order that services relating to vocational problems of students might be centered under the direction of one member of the faculty who would advise students in regard to employment and inform them of available openings. Its function is to assemble material (by means of tests, faculty ratings, academic grades, extra-curricular records, and employers' recommendations) of value in diagnosing students' vocational abilities and in guiding their future development. It also co-operates with the Dean, faculty advisers, and students in the study and solution of students' educational problems. It registers and interviews seniors interested in finding full-time employment after graduation, counsels recent graduates concerning their vocational adjustments, maintains contact with employers in an effort to place graduates in suitable positions, and studies problems pertaining to the vocational adjustment of Clark students. In this work the director of the bureau co-operates with other members of the faculty and with alumni.

Undergraduate Division of Business Administration

WALLACE W. ATWOOD, President of the University.
HOMER P. LITTLE, Dean of the College.
SAMUEL J. BRANDENBURG, Professor of Economics and Sociology.
CLARENCE F. JONES, Professor of Economic Geography.
JAMES A. MAXWELL, Professor of Economics.
ARTHUR F. LUCAS, Professor of Economics and Business Administration.
ROBERT S. ILLINGWORTH, Professor of Dramatic Art.
DONALD E. SUPER, Associate Professor of Educational Psychology.
F. EUGENE MELDER, Associate Professor of Economics and Business Administration.
GUY A. LEE, Assistant Professor of American History.
GEORGE E. HARGEST, Assistant Professor of Business Administration. (Beginning September 1942.)
PAUL F. MARBLE, Instructor in English.
ROY C. GUNTER, Instructor in Physics and Mathematics.

ADMINISTRATIVE COMMITTEE

SAMUEL J. BRANDENBURG, *Chairman*

HOMER P. LITTLE	ARTHUR F. LUCAS
CLARENCE F. JONES	DONALD E. SUPER

PURPOSE OF THE DIVISION

The Division of Business Administration is an integral part of the undergraduate college of Clark University. The curriculum of the division is avowedly vocational in its purpose; but the students are held to the same standards of achievement, are subject to the same regulations, and enjoy the same privileges as other members of the undergraduate body.

The division offers a four-year undergraduate course of study covering the basic general principles of business, as well as the principles and techniques of special phases of business. A student who completes the course should be able to perfect his skill in his special job more quickly, to adapt himself to general business requirements more readily, and to relate his job to the entirety of modern economic enterprise more intelligently than one who lacks this training.

The degree of Bachelor of Business Administration is awarded to those who complete the requirements specified below.

ADMISSION

Applicants for admission to the freshman class in the Division of Business Administration are accepted on the same basis as other applicants for admission to the college, except that the secondary school units presented for admission may be distributed as follows:

Required subjects	8 units
English	3 units
Mathematics (algebra)	1 unit
Foreign language	2 units
Social studies	2 units

Elective subjects	7 units
(of which as many as 3 units may be in commercial subjects)	
Total	15 units

CURRICULUM

The curriculum recognizes that there are fundamental principles and methods common to all business enterprises; hence certain basic courses in accounting, business law, economics, English, statistics, etc. are required. As the student advances, greater freedom of election in line with his individual interests and ambitions is permitted. In addition to the courses in business administration, a limited number of other courses offered in the college are open for election by qualified students, subject to approval by the divisional committee.

The following courses are required of all candidates for the degree of Bachelor of Business Administration.

B.A. 10.	Industrial and Business History
B.A. 11.	Fundamentals of Business and Accounting
B.A. 12.	Business Mathematics
B.A. 14.	Business English
B.A. 16.	Business Statistics
B.A. 117.	Principles of Accounting
B.A. 18.	Business Organization and Finance
B.A. 20.	Business Law
Econ. 11.	Principles of Economics
Eng. 11.	English Composition
Eng. 12.	Public Speaking

The first and second years. Freshmen who do not present two units of bookkeeping for entrance must elect Business Administration 107, Introduction to Accounting.

Electives may be in business administration or may be chosen from the list of recommended courses in other subjects.

A typical freshman program, five courses in addition to required physical training, follows.

	First semester		Second semester
Eng. 11a.	English Composition	B.A. 14b.	Business English
B.A. 11.	Fundamentals of Business	B.A. 11.	Fundamentals of Business
B.A. 10.	Industrial and Business History	B.A. 10.	Industrial and Business History
B.A. 12.	Business Mathematics	B.A. 12.	Business Mathematics
	Elective		Elective

A typical sophomore program, five courses in addition to required physical training, follows.

	First semester		Second semester
Econ. 11.	Principles of Economics	Econ. 11.	Principles of Economics
B.A. 117.	Principles of Accounting	B.A. 117.	Principles of Accounting
B.A. 16.	Business Statistics, Charts and Graphs	B.A. 16.	Business Statistics, Charts and Graphs
	Introductory Psychology		Psychology Applied to Business and Industry
	Elective		Elective

The last two years. Before entering upon the work of his junior and senior years a candidate for the degree in business administration must, with the assistance of his faculty adviser, work out a complete program for the remaining two years of study. This program will normally include one or more electives in each year and must include any required courses not yet completed. It must also provide for adequate concentration in one or more "fields of concentration," according to the student's interest.

Some of the fields of concentration are:

Accounting: Cost accounting, analysis of financial statements, auditing, system building, and tax accounting.

Advertising and marketing: Marketing, advertising, merchandising, consumer economics, salesmanship and sales management.

Finance: Business organization and finance, financial administration, investments, money and banking, public finance.

Industrial and personnel management: Organization and control of production, industrial psychology, personnel management, labor problems, cost accounting.

Real estate: Real estate fundamentals, real estate practice, law of real property, mortgage law and practice, urban development, valuation and appraisal.

COURSES PRIMARILY FOR UNDERGRADUATES

10. Industrial and Business History. A survey of the development of major groups of economic enterprises: the extractive industries, manufacturing, transportation, and commerce, with consistent emphasis on the modern period.

Required course for freshmen or sophomores.
Through the year. M. W. F., 9. MR. BRANDENBURG

11. Fundamentals of Business and Accounting. The first semester introduces the internal problems of a business enterprise; field trips provide an opportunity to observe how the business concerns of the community meet these problems. The second semester acquaints the student with the basic operations in the accounting cycle, and continues the study of business problems begun in the first semester.

Open to freshmen.
Through the year. Tu. Th. S., 12. MR. MELDER

12. Business Mathematics. An elementary course designed to give the necessary foundation for an understanding of the mathematics involved in business transactions.

Open to freshmen.
Through the year. M. W. F., 11. MR. GUNTER

107. Introduction to Accounting. A course in the fundamentals of record keeping for business. The techniques and practice of journalizing, posting and account keeping, followed by the preparation of financial statements. A prerequisite to Business Administration 117 for students who do not present two units of bookkeeping for admission.

Open to freshmen.
Through the year. MR. MELDER
New course. To be offered in 1942–43.

14b. Business English. Application of the principles of composition to several types of business correspondence, including letters of application, collection, and adjustment, sales letters, and business reports.

Open to freshmen.
Half course, second semester. Tu. Th. S., 9. MR. MARBLE

16. Business Statistics, Business Charts, Graphs and Reports. Methods of analyzing and presenting statistical data with special reference to business and economic problems. Applications of statistical methods to quantitative business and economic material, with practice in presentation of such data in tabular and graphic forms.

Through the year.
New course, replacing and expanding Economics 16b. To be offered in 1942–43.

16b (Economics 16b). Business Statistics.
Half course, second semester. M. W. F., 10. Mr. Maxwell
To be replaced in 1942–43 by Business Administration 16, a year course.

117 (Economics 117). Principles of Accounting. The organization and use of financial records, with emphasis on their interpretation as well as on the technique of procedure.
Indivisible Course.
Through the year.
Omitted, 1941–42. Offered in alternate years.

18 (Economics 18). Business Organization and Finance. A unified year course in the financial structure of modern industry. Emphasis is placed on the nature of the business corporation, its financial practices, and the problems of internal financial control.
Through the year. Mr. Lucas
Omitted, 1941–42.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

207. Advanced Accounting.
Three hours, through the year.
New course. To be offered in 1942–43.

20 (Economics 20). Business Law. The principles of law, as applied by the courts, in settling disputes which arise out of business transactions. Cases centering about the law of contracts, property, sales, negotiable instruments, agency and other divisions of commercial law are studied.
Through the year. Tu. Th. S., 10. Mr. Melder
To be omitted, 1942–43. Offered in alternate years.

21b (Economics 21b). Business Cycles. An analysis of the business cycle, a study and comparison of various causation theories and of proposals for its possible control.
Half course, second semester.
Omitted, 1941–42.

24a (Economics 24a). Marketing. An introduction to the economics of marketing. Special attention is given to the marketing process as a whole, to specific methods and practices of important markets such as those for agricultural and manufactured products. The course concludes with a summary study of marketing problems and of methods practiced or proposed for their solution.
Half course, first semester.
Omitted, 1941–42. Offered in alternate years.

RECOMMENDED COURSES IN SUBJECTS OTHER THAN BUSINESS ADMINISTRATION

These courses are described in the announcements of the respective departments.

Economics: Any undergraduate course offered by the Department of Economics and Sociology excepting Economics 10, 210a and Sociology 27a.

English 11b. English Composition.

English 12a. Public Speaking.

Geography 26. Economic Geography.

History 12b. American Government.

Psychology 203a. Psychology Applied to Business and Industry.

Psychology 215b. Industrial and Military Morale.

The Women's College of Clark University

By action of the Board of Trustees, the Women's College of Clark University comes into being in the fall of 1942. This college has been established for the benefit of young women who wish to live at home and attend a liberal arts college in Worcester.

The organization of this unit in the university has not been completed, but the courses of instruction available for men will be open to women. The requirements for admission and for a bachelor's degree will be identical with those for men, and the same tuition and fees will be charged.

There are at present no dormitories for women, and the Women's College assumes no responsibility for residence facilities. It is expected that women students in the college will live in their own homes or with relatives. Suitable provision has been made for their comfort and convenience while on the campus. A large room on the first floor of Jonas G. Clark Hall has been tastefully decorated and comfortably furnished for use as a lounge and study-room for women undergraduates, and as a center for their activities. A convenient locker-room has also been provided where personal possessions may be left when not in use.

SCHOLARSHIPS

A number of scholarships have already been established in the Women's College and it is expected that others will be announced in the near future. Applications for scholarships should be addressed to the Dean of the college.

The Clark University Faculty Women's Club offers two scholarships of $50 each.

The Clark University Alumnae Association offers two scholarships.

The Swedish National Federation Scholarship, $150, is awarded annually to a needy, properly qualified student of Scandinavian stock from Worcester or vicinity. In 1942 the award is to be made to a young woman.

ADMISSION

Beginning with the academic year 1942–43, a limited number of women will be admitted to the freshman class, and a few will be admitted, by transfer from other institutions, to the upper classes of the college.

Correspondence regarding admission and requests for application forms should be addressed to THE WOMEN'S COLLEGE, Clark University, Worcester, Mass.

The Graduate Division

Admission to the graduate division is open to properly qualified persons, both men and women.

Instruction and opportunities for study leading to the degrees of Master of Arts and Doctor of Philosophy are offered by the following departments:

Biology
Chemistry
Economics and Sociology
Geography
History and International Relations
Psychology

The Division of International Affairs offers work in that field leading to the degrees of Master of Arts and Doctor of Philosophy.

The Division of Education, in the Department of Psychology and Education, offers training leading to the degree of Master of Arts in Education.

Other departments offer courses of an advanced nature which, with the consent of the Graduate Board, may be included in the programs of graduate students, but are not prepared at present to offer complete programs leading to the higher degrees.

ADMISSION TO THE GRADUATE SCHOOL

Eligibility. Admission is granted only by the Graduate Board on recommendation of a department. A graduate of more than average ability from a college or university which was on the approved list of the Association of American Universities at the time his bachelor's degree was obtained is eligible for admission as a *regular graduate student.* A graduate of superior attainments from a four-year college not on the list, is normally eligible for admission only as a *special graduate student* for a specified period, not exceeding one academic year. A special graduate student may be admitted by the Graduate Board to regular graduate standing after a semester, or its equivalent, of study in residence and upon the recommendation of his major department.

Application. A prospective applicant should communicate with the department in which he expects to do his major work. If he is encouraged to make application by the department, he will receive the application blanks and should submit them to the chairman of the department with an official transcript of undergraduate work, two letters of recommendation from persons in a position to speak frankly of his qualifications, and a recent photograph (passport size preferred). A photograph is not required of those who have had a personal interview with members of the staff. Any other pertinent information, including published or unpublished theses or other writings, may accompany the application. For most favorable consideration, applications for appointments for the succeeding year should be in the hands of the chairmen of the respective departments by March 1st.

Admission. In granting admission, the Graduate Board may, with the advice of the department, prescribe a minimum period of residence, never less than one year, and other definite requirements, including courses in particular subjects, as prerequisites for a graduate degree. Admission to the graduate school does not in any way imply admission to candidacy for a degree. Admission to the graduate school is granted for entry only at the specified time, and lapses if the student fails to enter at that time. If, after an applicant has entered as a regular student, his period of graduate study is broken by more than a year, he must make formal application for reinstatement.

Undergraduates and non-graduate special students in graduate courses. Admission of other than regular or special graduate students to a course "Primarily for Graduate Students" may be authorized by the Secretary of the Graduate Board on formal recommendation in each case by the department in which the course is offered.

SCHOLARSHIPS AND FELLOWSHIPS

Scholarships and fellowships (except honorary appointments) are for prospective candidates for the degrees of Master of Arts and Doctor of Philosophy in this university.

Application for a fellowship or scholarship should be made to the department in which the applicant expects to do his major work and should be accompanied by official transcripts of record, letters of recommendation and a photograph of the applicant. Applications when complete and properly endorsed by the departments will be considered by the Committee on Credentials for recommendation to the Graduate Board.

According to an agreement of the Association of American Universities, the elections of fellows and scholars will be communicated on April 1st, but not before, to each member of the Association of American Universities and to each successful candidate. An appointment will become effective when an acceptance in writing is filed with the secretary of the Graduate Board within fifteen days of the date of notification.

A scholar or fellow may not engage during the term of appointment in any occupation that may interfere with his duties as a full-time graduate student unless he obtains permission from the Graduate Board to do so.

Scholarships. Scholarships may be awarded to students of high rank who are expected to complete the requirements for the master's degree in the normal time. Scholarships are valued up to $400 including tuition.

Fellowships. Fellowships valued up to $400, including tuition, may be awarded to full-time, regular graduate students who have completed an amount of graduate work equivalent to the requirements for the degree of Master of Arts. Fellowships valued up to $500, including tuition, may be awarded to students who give promise of completing their work for the degree of Doctor of Philosophy by the end of the academic year for which the appointments are made.

Distinguished visitors may be appointed honorary fellows for specified periods at the discretion of the Graduate Board. Such appointments entitle their holders to all university privileges and carry freedom from tuition charges.

Assistantships. Assistantships are available in certain departments, appointments usually being made from the list of fellows. Applications should be made to the departmental chairman. An assistant is required to help in the teaching duties of the department and is paid a small stipend. When the duties of an assistant prevent a scholar or fellow from carrying a full program of studies during the academic year, he may nevertheless secure credit for a year's work through a summer program of research or reading directed by the department and approved by the Graduate Board.

STUDENT AID

Student aid is available from the following funds, with the restrictions noted.

A CITIZEN'S FUND, the income of which is to be used for the aid of "some one or more worthy native born citizens of the City of Worcester who may desire to avail themselves of the advantages of the institution." The benefits of this fund are available to graduate students only.

THE JOHN WHITE FIELD FUND, the income of which is "to provide for the minor needs of a scholar or fellow," was established by Mrs. Eliza W. Field. The fund amounts to five hundred dollars.

THE ELIZA D. DODGE FUND is a sum of one thousand dollars, the income only of which is to be expended to aid graduate students of limited means engaged in research work.

THE SARAH M. THURBER LOAN FUND was established by the late Charles H. Thurber, former president of the Board of Trustees, as a memorial to his mother. The fund is administered by the President of the university.

ALUMNI LOAN FUNDS. Loans from these funds are available on suitably endorsed notes. Applications should be made through the student's major department.

Loans bear interest at the rate of 4 per cent per annum.

LANGUAGE REQUIREMENTS

Requirement in English. A student who wishes to become a candidate for a higher degree during his first year of residence may be required to come before the Committee on Language Examinations before admission to candidacy, for a test of the adequacy of his knowledge of English in respect to speaking, reading and writing.

A candidate for a graduate degree after more than one year of graduate study must satisfy his major department in respect to his knowledge of English.

Foreign Languages. A prospective candidate for the degree of Doctor of Philosophy is advised to prepare himself early for the oral examinations in reading modern languages. French and German are required except in cases where the Graduate Board may authorize the substitution of another language for one of these. A student must take these examinations not later than March first of his first year of residence at Clark University beyond the master's degree. When he is ready for either or both he should notify the Recorder, who will arrange for the examination to be held within two weeks if possible. These examinations are conducted by a committee composed of a representative of one of the modern language departments and a representative of the student's major department. The committee reports the results of the examination to the Recorder. Additional language requirements may be imposed by the student's major department.

RESIDENCE

A regular year of full-time study or its specified equivalent in residence at Clark University is a prerequisite for any degree. Residence work is broadly defined as regular work at Clark University done under the immediate personal supervision of at least one member of the university faculty. A field trip led by a member of the university faculty who is regularly engaged in graduate instruction is considered to provide opportunity for work in residence to a maximum amount of nine weeks.

Only the following are recognized as equivalents to a regular academic year:

For the degree of Master of Arts, one full semester of the regular academic year and the equivalent of eighteen other weeks on a full-time program of graduate work approved by the major department.

A student admitted to full graduate standing may satisfy the minimum residence requirement for the master's degree by attending, at Clark University, five summer sessions of six weeks each, and taking a normal program made up exclusively of graduate courses approved by his major department.

The residence requirement may also be fulfilled in two full twelve-week terms and one six-week session, or by some other allotment of time providing a minimum of thirty weeks in courses of graduate grade.

A normal program during the summer term consists of two regular courses in addition to any departmental seminars.

For the degree of Doctor of Philosophy, a sufficient number of courses taken during the regular academic year, even if spread over a number of years.

THE DEGREE OF MASTER OF ARTS

Admission to Candidacy. Regular students who have been admitted to the graduate school without condition, or others who have met any special requirements imposed by the Graduate Board, may, when they have demonstrated their ability to do satisfactory work, be accepted by the Graduate Board as candidates for the degree of Master of Arts. An application for admission to candidacy for the master's degree will be considered by the Graduate Board when the student has:

1. Completed one semester of full-time graduate work or its equivalent in residence at this university;
2. Paid the diploma fee ($10) and publication fee ($10), and
3. Obtained the written endorsement of his major department.

Applications should be filed with the secretary of the Graduate Board not later than the first week of the last full semester which the student expects to spend in residence as a candidate for the degree. Unless extended by action of the Graduate Board, candidacy for the degree of Master of Arts lapses at the end of three years. When candidacy expires without the degree having been awarded, the diploma and publication fees, less any expenses incurred, will be returned.

Course requirements. In order to insure that the student may obtain the necessary training, he must meet a minimum course requirement of 18 semester hours in addition to his research work. The subject-distribution of the courses of each candidate must have the approval of the candidate's major department. A candidate for the master's degree who is definitely preparing to teach in secondary schools, may, with the approval of his major department, elect one or two semester courses in education which will count toward the fulfillment of this course requirement.

Examinations. The candidate must make a satisfactory record in such written examinations as may be required by the major department, and in a final oral examination of approximately one hour's duration by a committee of three or more, two of whom shall be members of the Graduate Board. The major department shall make a written report in duplicate, one copy to be delivered to the university recorder and the other to the secretary of the Graduate Board, not later than 9 A. M. of the Thursday preceding commencement, stating the ground on which the candidate is recommended for the degree.

Thesis. The candidate must demonstrate that he has a comprehensive knowledge of his field of study and is capable of carrying on, under direction, a satisfactory investigation in that field. He must submit to his major department, by May 15 of the year in which the degree is to be conferred, a thesis on an approved topic and an abstract thereof which should not exceed 600 words in length. The thesis and abstract must be in a prescribed form on "thesis paper," to be obtained from the Bursar, and each must be accompanied by a title page and an academic history of the candidate on forms to be obtained from the Recorder.

The thesis and two copies of the abstract, bearing signed approval on behalf of the major department, must be delivered by the department to the Recorder not later than 9 A. M. of the Thursday preceding commencement.

Additional copies of the thesis or abstract may be required by the major department.

THE DEGREE OF DOCTOR OF PHILOSOPHY

Course of Study. Only such candidates as give evidence of general proficiency, power of investigation and high attainments in the special field in which their major subjects lie will be encouraged to proceed to the degree of Doctor of Philosophy.

A graduate student who expects to proceed to the doctor's degree shall select a major subject of study, and at least one minor subject with the approval of the department in which the major subject lies.

Admission to Candidacy. Applications for admission to candidacy must be filed not later than November first, in any academic year, by students who hope to receive the degree at the end of that academic year.

An application for admission to candidacy for the degree of Doctor of Philosophy will be considered by the Graduate Board when the applicant has:

1. Completed two full academic years of graduate work or its equivalent;
2. Passed examinations in at least two foreign languages. French and German are required except in cases where the Graduate Board may authorize the substitution of another language for one of these;
3. Passed a preliminary examination in his chosen fields of study;
4. Paid the diploma and publication fees ($25 and $15);
5. Obtained the written endorsement of his major department.

Admission to candidacy for the degree of Doctor of Philosophy holds good only for three years from the date of the vote granting admission to candidacy. When candidacy expires without the degree having been awarded, the diploma and publication fees, less any expenses incurred, are returned.

Dissertation. For the degree of Doctor of Philosophy an indispensable requirement is a dissertation upon an approved subject, to which it must be an original contribution of value.

Not later than May 1, the dissertation, with an abstract not exceeding 1,200 words in length, must be presented to the instructor under whose direction it is written.

The dissertation and abstract must be in a prescribed form on "thesis paper," to be obtained from the Bursar, and each must be accompanied by a title page and an academic history of the candidate on forms to be obtained from the Recorder.

The dissertation and abstract must be accepted by the chief instructor before the final examination may be held. The dissertation must be laid before the examining committee at the time of examination, with the comments of the chief instructor and other readers.

A complete copy of the dissertation and two copies of the abstract, each bearing the approval of the chief instructor over his signature, must be delivered by the department to the Recorder not later than 9 A. M. of the Thursday preceding commencement. The dissertation and one copy of the abstract will be deposited by the Recorder in the library, where they remain permanently.

A second copy of the dissertation, accompanied by a copy of the abstract must be delivered to the department or to the library for loan purposes.

If a dissertation is published, five copies should be presented to the Clark University Library; four copies to be retained by the library and the other to be presented to the Library of Congress for its annual list of American doctoral dissertations printed.

Final Examination. The final examination is oral and lasts for at least two hours; additional written examinations may be given if the major department so directs. The candidate is expected to defend his dissertation and, at the discretion of the examining committee, may be questioned on the entire special field of his study. The oral examination is conducted by a committee of at least four members, including the chairman and one other member of the major department, a member of the Graduate Board under whom the candidate has done no work, and such other members of the Graduate Board as are appointed. The President of the university is authorized to invite any person from within or without the university to be present and to assist in the examination.

The Graduate School of Geography

WALLACE W. ATWOOD, PH.D., Professor of Physical and Regional Geography and Director of the Graduate School of Geography.

CLARENCE F. JONES, PH.D., Professor of Economic Geography.

W. ELMER EKBLAW, PH.D., Professor of Geography, Assistant Editor, *Economic Geography*.

SAMUEL VAN VALKENBURG, PH.D., Professor of Climatology and Regional Geography.

WALLACE W. ATWOOD, JR., PH.D., Associate Professor of Physiography and Regional Geography.

GUY H. BURNHAM, A.M., Cartographer.

PAUL SIPLE, PH.D., Research Associate.

VAN H. ENGLISH, A.B., Assistant in Instruction.

The Graduate School of Geography gives opportunity to properly qualified students to secure advanced training in geography. The staff is composed of specialists in the various fields of geography. They must of necessity spend a portion of their time in travel and in field studies, but while in residence, they offer regular courses of instruction and direct advanced students in research work. It is not the intention to offer all courses of instruction each year; many of them are given once in two years. Abundant instruction is provided, but graduate students are advised not to burden themselves by attending too many courses. They must depend very largely for growth upon their individual efforts in research, under the direction of members of the staff. The map collection and the libraries offer them unusual facilities for research work in residence, but it is hoped that all graduate students, before completing their university work, will undertake field studies.

The publication of *Economic Geography*, issued quarterly, was begun in 1925.

GEOGRAPHY COURSES FOR COLLEGE STUDENTS

Undergraduates planning to major in geography or to go into graduate work in geography are urged to consult the geography staff early in their undergraduate course, so that suitable programs may be mapped out including essential courses in related fields.

Students majoring in geography are required to take seven year-courses, or the equivalent, in geography and related fields. At least four and not more than five of these courses must be in geography. The courses required in geography include: 10a, 10b—usually taken in the freshman year; 15b, 16a, 181b, 185a and Geology 12—usually taken in the sophomore or junior years. Other courses which may be taken to complete the major requirements are: in geography, 26, 12a, 17a, 17b, 100b; and in related fields, Biology 11, 12, Physics 11, Economics 11, History 18.

Students majoring in geography may, by special permission, elect in their third and fourth years advanced courses offered in the Graduate School of Geography.

GRADUATE WORK IN THE SCHOOL OF GEOGRAPHY

Work is offered leading to the degrees of Master of Arts and Doctor of Philosophy. For the master's degree two years may be required for those whose preparation is considered to be insufficient to permit them to qualify in the minimum time.

A distinctive feature of the work in the Graduate School of Geography is the autumn field camp of three weeks' duration at the beginning of the fall term. The field program includes studies in physiography, land utilization, industrial geography and weather observations, with special training in mapping and other field techniques. Cars, camp trailers, scientific instruments and other equipment are provided. Suitable field clothing and blankets must be provided by the individual student. All prospective candidates for graduate degrees in geography who are in residence are expected to attend the field camp each autumn. Following the return to the campus, about ten days are allowed for the completion of field reports. Formal course work begins on the second Monday after the close of the field camp.

Formal course work in geography ends in the spring on May 1st, leaving students free to read and to co-ordinate their work prior to the examination period.

Candidates for the master's degree are expected to pass written examinations in at least six of the following fields: physiography, climatology, soils and land utilization, plant geography, economic geography, human geography and cultural geography, regional geography, and political geography. The oral examination for the master's degree covers four fields approved by the Staff.

Candidates for the doctor's degree in geography are expected to pass written examinations in the above fields, and a general oral examination covering six major fields approved by the staff. In general, a year of work beyond the master's degree should prepare a candidate for the general examination preliminary to his acceptance as a candidate for the doctor's degree and to his concentration work for his dissertation. This year of course work may well include, besides certain advanced courses in geography, related advanced studies in biology, economics, history and international relations as follows: botany (Biol. 14); economic history (Ec. 14); economic statistics (Ec. 16); international trade: theory and finance (Ec. 27a); international economic policies (Ec. 31); The Pacific and the Far East (Hist. 22).

STUDENTS' FEES

All geography students in residence must pay the camp fee, workroom fee, and classroom materials fee.

The camp fee, determined on a cost basis, varies between $50 and $75 payable October 1st to the camp treasurer. The tuition fee, for a student participating in the field course only, is $25. The camp fee covers board and lodging, transportation, maps, drafting supplies and meteorological instruments for the three weeks' period.

The workroom fee, $5 a semester, is payable November 1st and March 1st to the department. It helps to maintain the geography workroom and the equipment used by graduate students:—alcove desks, files of maps, card catalogue, drafting tables and instruments, and adding machines.

The classroom fee, $5 a semester, is payable November 1st and March 1st to the department. It is for mimeographing and for the maintenance, in part, of the classroom wall maps and other equipment and for the expense of balloons, hydrogen, and meteorological instruments.

COURSES PRIMARILY FOR UNDERGRADUATES

10a. The Principles of Geography. An introductory course dealing primarily with the physical phases of geography.

Half course, first semester. M. W. F., 10. MR. ATWOOD, JR.

10b. Introduction to Regional Geography. Application of the principles of geography to the study of selected regions throughout the world.

Half course, second semester. M. W. F., 10. MR. VAN VALKENBURG

11a. Map-making and Relief Model Construction. Use of planetable and alidade; elements of field sketching; methods and techniques in model construction.
Half course, first semester. Tu. F., 2–4. MR. ATWOOD, JR.

12b. Weather and Climate. Elements of meteorology with practical exercises.
Half course, second semester. Tu. Th. S., 8. MR. VAN VALKENBURG

13. Geography of National Defense. Physical, economic, social, and political phases of geography significant to the defense of the Americas.
Through the year. STAFF
Omitted, 1941–42.

15b. Conservation of Natural Resources. A survey of natural resources including a study of ways and means of insuring wise utilization of essential or strategic resources.
Half course, second semester. MR. ATWOOD, JR.
Omitted, 1941–42.

16a. Political Geography. Study of principles with special reference to current events.
Half course, first semester. MR. VAN VALKENBURG
Omitted, 1941–42.

17a. Geography of Worcester and Vicinity. A field and laboratory course. Special training in mapping techniques.
Half course, first semester. MR. ATWOOD, JR.
Omitted, 1941–42.

17b. Geography of New England. A field and laboratory course. Physiographic, land use, and industrial studies of selected areas in New England.
Half course, second semester. MR. ATWOOD, JR.
Omitted, 1941–42.

100b. Military Geography. Laboratory course. Interpretation of military maps, charts, and aerial photographs.
Half course, second semester. Tu. F., 2–4.
MR. ATWOOD, JR., MR. LITTLE, AND MR. BURNHAM

181b. Geography of North America. A systematic regional treatment of the physical, economic, and cultural geography of North America.
Half course, second semester. MR. ATWOOD, JR.
Omitted, 1941–42.

185a. Geography of Europe. Geographical survey of the European continent and the individual countries.
Half course, first semester. M. W. F., 11. MR. VAN VALKENBURG

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

26. Economic Geography. An analysis of the occupations of economic geography—hunting, fishing, forest industries, grazing, farming, mining, manufacturing, transportation, and trade. Prerequisites, Geography 10a, 10b, 12b, and Geology 12.
Three hours, through the year. Tu. Th. S., 9. Mr. C. Jones

201b. Geography of Asia. General study of the continent and more detailed study of selected regions.
Two hours, second semester. Mr. Van Valkenburg
Omitted, 1941–42.

202a. Political Geography. Application of principles of political geography on selected problems of recent significance.
Two hours, first semester. Tu. Th., 10. Mr. Van Valkenburg

290. Cartography and Graphics. Preparation of maps, graphs, charts, and block drawings.
Fridays, 2–4.
Mr. Burnham and Mr. English, with other members of the staff.

291b. Interpretation of Aerial Photographs. Principles of stereoscopic photography. Map making from aerial photographs.
Two hours, second semester. W., 3–5. Mr. Atwood, Jr.

COURSES EXCLUSIVELY FOR GRADUATE STUDENTS

Note: Course 31, Regional Physiography, as previously offered will hereafter be replaced by courses 30, Regional Physiography of North America and 31, Regional Physiography of the World.

Courses 30, General Seminar, and 301, Seminar for Ph.D. Candidates, will be designated as courses 301 and 302 respectively, beginning with the academic year 1942–43.

30. General Seminar. Staff
To be designated as course 301, beginning with the fall term, 1942.

30. Regional Physiography of North America. The evolution of landforms in the major physiographic provinces. Laboratory in map interpretation. Prerequisite, Geology 12, or equivalent in physiography.
Two hours of lectures and two hours in the laboratory weekly. Tu. Th., 11. Mr. Atwood, Jr.
Given as course 31 in 1941–42.

31. Regional Physiography of the World. A study of selected areas within the major physiographic regions of the world. Laboratory in map interpretation. Prerequisite, Geology 12, or equivalent in physiography.

Two hours of lectures and two hours in the laboratory weekly.

Omitted, 1941–42. MR. ATWOOD, JR.

32. **Regional Climatology.** A study of the climates of the world. Prerequisite, Geography 12b or equivalent.

Two hours, through the year. M. W., 9. MR. VAN VALKENBURG

33. **Soil Geography,** first semester; **Land Utilization and Planning,** second semester.

First semester: Reviews development and character of soils, their distribution and economic significance, in the light of their geographical relationships.

Second semester: Outlines relationships that physical and cultural factors bear to purpose and pattern of land use, conservation of land resources, and basic elements of land planning.

Two hours, through the year. MR. EKBLAW

Omitted, 1941–42.

34. **Biogeography,** first semester; **Life Zones and Regions,** second semester.

First semester: Geographic significance of character, function, distribution, and relationships of plant and animal forms and societies in their adjustments to factors and habitat.

Second semester: Major life zones, plant associations, and animal societies, regionally considered in relation to the elements of climate and terrain; and their effect upon man's activities.

Prerequisite, Geography 34a.

Two hours, through the year. M. W., 10. MR. EKBLAW

37. **Human Geography,** first semester; **Cultural Geography,** second semester.

First semester: Considers influence and effect of location, area, relief, coastline, drainage systems, climate, and other geographic factors, separately and in their mutual interaction upon the economic, social, and political development of peoples and states.

Second semester: Summarizes the role that geographic factors have played in evolution of races and cultures, artifacts and institutions.

Prerequisites, nine hours of geography or history and permission of the instructor.

Seniors of superior standing may be accepted, by special permission.

Two hours, through the year. M. W., 2. MR. EKBLAW

375b. **Geography of Europe.** General study of the continent and more detailed study of selected regions.

Two hours, second semester. MR. VAN VALKENBURG

383b. Caribbean America. The historical background of the republics and islands of the Caribbean; analysis of selected major geographic regions; increasing importance of the Caribbean area in commercial and political affairs of the Americas.
Three hours, second semester. M. W. F., 11. MR. C. JONES

384a. South America. An analysis of the major geographic regions of South America; special geographical problems of South American republics; impact of the war on South America.
Three hours, first semester. M. W. F., 11. MR. C. JONES

300. Problems in Geography. Tu., 3.30. PRESIDENT ATWOOD

301. Seminar for Ph.D. Candidates. F., 2. STAFF
To be designated as course 302, beginning with the fall term, 1942.

301. General Seminar.
Designated as course 30 prior to September 1942. STAFF

302. Seminar for Ph.D. Candidates. F., 2. STAFF
Designated as course 301 prior to September 1942.

310. Research in Regional Physiography.
PRESIDENT ATWOOD AND MR. ATWOOD, JR.

320. Research in Climatology. MR. VAN VALKENBURG

330. Research in Soils. MR. EKBLAW

340. Research in Plant Geography. MR. EKBLAW

350. Research in Agricultural Geography or Land Utilization.
MR. EKBLAW

360. Research in Economic Geography. MR. C. JONES

370. Research in Human Geography. MR. EKBLAW

380. Research in Regional Geography.
ONE OR MORE MEMBERS OF THE STAFF

394a. Field Methods and Studies. Three weeks at the opening of the school year. Connecticut Valley, 1925 to 1930 inclusive; Cape Cod, 1931; Connecticut Valley, 1932 and 1933; Blackstone Valley, 1935; upper Housatonic Valley, 1936; Central Highlands of Massachusetts, 1937; omitted in 1938 because of hurricane; lower Merrimac Valley, 1939; Connecticut Valley, Springfield region, 1940; Connecticut Valley, Northampton-Holyoke region, 1941.
Required each year of all candidates for graduate degrees in geography.

The Graduate Division of International Affairs

GEOGRAPHY, DIPLOMACY, ECONOMICS

WALLACE W. ATWOOD, President of the University and Director of the Graduate School of Geography.

GEORGE H. BLAKESLEE, Professor of History and International Relations.

SAMUEL J. BRANDENBURG, Professor of Economics and Sociology.

CLARENCE F. JONES, Professor of Economic Geography.

SAMUEL VAN VALKENBURG, Professor of Climatology and Regional Geography.

JAMES A. MAXWELL, Professor of Economics.

ARTHUR F. LUCAS, Professor of Economics and Sociology.

DWIGHT E. LEE, Professor of Modern European History.

H. DONALDSON JORDAN, Professor of English History.

DIVISIONAL COMMITTEE

GEORGE H. BLAKESLEE, *Chairman*
SAMUEL J. BRANDENBURG SAMUEL VAN VALKENBURG

The Graduate Division of International Affairs aims to meet a demand for graduate work which will be devoted entirely to the general field of international affairs and which will include work in geography, history and international relations, and economics and sociology. This division groups together appropriate courses and seminars in order to prepare graduate students for the foreign service of the United States, college and university professorships in international affairs, posts in corporations and banks doing foreign business, and research and administrative positions in the field of world affairs. The courses include offerings in political, regional and economic geography; foreign trade, commerce, and finance; international law; modern and diplomatic history of Europe, Asia, and Latin America; and the foreign policy and international relations of the United States.

THE DEGREE OF MASTER OF ARTS

Qualified graduate students, including those registered in any one of the three co-operating departments, may apply for permission to take work leading to the master's degree in international affairs. The Divisional Committee will pass upon the adequacy of each candidate's preparation and on his program of studies for the degree.

A knowledge of the fundamentals of political and economic geography, of economics, and of international relations will be required of each candidate, whether or not courses in these subjects are taken during the period in residence for the degree. Each candidate must present courses from at least two of the co-operating departments.

THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the degree of Doctor of Philosophy in International Affairs must meet all general requirements of the University for this degree. The six "fields" presented for the preliminary doctoral examination must be approved by the Divisional Committee. One field at least must be chosen from each of the three departments, and no more than three fields may be taken in any one department.

THESES AND DISSERTATIONS

Subjects selected for theses and dissertations in the Division of International Affairs must deal with some aspect of international affairs and receive the approval of the Divisional Committee. Each thesis or dissertation will be written under the supervision of the member of the staff within whose special field the research lies.

SCHOLARSHIPS AND FELLOWSHIPS

A limited number of graduate scholarships and fellowships are available for students of high rank in the Division of International Affairs.

ADMISSION

A student who wishes to enter the Division of International Affairs and undertake a plan of study leading to a degree should communicate with some member of the Divisional Committee.

COURSES WHICH MAY BE TAKEN FOR CREDIT IN THE DIVISION OF INTERNATIONAL AFFAIRS

(Descriptions of these courses are given in the announcements of the respective departments.)

GEOGRAPHY

Geography 26. Economic Geography.
Offered every year. MR. JONES

Geography 384. South America.
Offered every year. MR. JONES

Geography 383. Caribbean America.
Offered every year. MR. JONES

Geography 202. Political Geography.
Offered every year. MR. VAN VALKENBURG

Geography 375. Europe. MR. VAN VALKENBURG

Geography 201. Asia.
Omitted, 1941–42. MR. VAN VALKENBURG

Geography 360. Research in Economic Geography. MR. JONES

Geography 390. Research in Political Geography.
MR. VAN VALKENBURG

Geography 380. Research in Regional Geography.
MESSRS. JONES AND VAN VALKENBURG

HISTORY AND INTERNATIONAL RELATIONS

History 18. A Survey of International Relations.
Omitted, 1941–42. MR. BLAKESLEE

History 21. England in Two Wars, 1914–1918 and 1939–1940.
Omitted, 1941–42. MR. JORDAN

History 22. The Pacific and the Far East.
Offered every year. MR. BLAKESLEE

History 231. International Law. MR. BLAKESLEE

History 232. European International Relations Since 1870.
MR. D. E. LEE

History 25. Recent History of the British Empire. MR. JORDAN

History 27. Conflicts of Modern Political Thought. MR. JORDAN

History 28. History of the British Empire.
Omitted, 1941–42. MR. JORDAN

History 29. Russia.
Omitted, 1941–42. MR. D. E. LEE

History 33. Foreign Relations of the United States.
Offered every year. MR. BLAKESLEE

History 35. British India. MR. JORDAN

History 38. European International Relations Since 1930.
MR. D. E. LEE

History 351. Research in the International Relations of the United States. MR. BLAKESLEE

History 352. Research in the International Relations of the Pacific and the Far East. MR. BLAKESLEE

History 353. Research in the History and International Relations of the British Empire. MR. JORDAN

History 354. Research in the History and International Relations of Continental Europe. MR. D. E. LEE

ECONOMICS AND SOCIOLOGY

Economics 13. Money and Banking.
Offered every year. MR. MAXWELL

Economics 27a. International Trade: Theory and Finance.
Offered every year. MR. LUCAS

Economics 211b. Contemporary Economic Systems.
Omitted, 1941–42. MR. BRANDENBURG

Economics 31. International Economic Policies.
Offered every year. MR. BRANDENBURG

Economics 312. Research in International Policies and Systems.
MR. BRANDENBURG

Economics 313. Research in Money and Banking.
MR. MAXWELL

Economics 314. Research in International Trade and Finance.
MR. LUCAS

Departmental Announcements

The unit of instruction for undergraduates is a "course." A "course" normally meets for classroom or laboratory exercises three or four times weekly throughout the fall and winter terms and constitutes one-fifth of a normal program for an undergraduate. A "half course" normally meets with the same frequency throughout one term. Classes meeting twice weekly normally yield credit for one-third of a course in each term.

Each unit of undergraduate instruction as listed below constitutes one "course" unless its value as a fractional course or a multiple course is indicated.

Advanced courses, not primarily for undergraduates, are announced with a statement of the number of weekly meetings. Undergraduates who are permitted to enroll in such courses should carefully check with the Recorder to avoid any misunderstanding in regard to the equivalent number of "courses" represented by their programs.

Courses offered by the several departments are listed under three headings:

1. Primarily for Undergraduates, designated by numbers beginning with the figure (1).
2. For Advanced Undergraduates and Graduate Students, designated by numbers beginning with the figure (2).
3. Primarily for Graduate Students, designated by numbers beginning with the figure (3).

Credit for the first term alone is given in all courses except in cases where a department, by a note following the description of the course, reserves the right to withhold credit until the second term of the course is satisfactorily completed.

Any course may be entered at the beginning of the second term, with the consent of the instructor, by students who are prepared to take up the work of the course at that time.

DEPARTMENT OF ANCIENT LANGUAGES

Professor Brackett

The courses offered in this department fall into two groups: (1) courses which involve a knowledge of the Greek or Latin language; (2) courses dealing with important aspects of Greek or

Roman civilization (history, literature, art, etc.), in which knowledge of the language is not required.

In regard to Latin, the department seeks to meet the problem created by the lack of uniformity among entering freshmen in the amount of time devoted to Latin in the secondary school. Provision is made for three groups: (1) For those without previous study of Latin, a course in elementary Latin is given from time to time, in accordance with the demand. (2) Students who have entrance credit for two years of Latin may enter Latin 15. Completion of this course prepares a student to enter Latin 12. (3) Students who present credit for either three or four years of Latin may enter Latin 12.

GREEK

COURSES PRIMARILY FOR UNDERGRADUATES

11. First Year Course. Indivisible course.
Open to freshmen.
Through the year. M. W. F., 2. MR. BRACKETT

12. Xenophon, *Anabasis;* **Homer,** *Iliad.* About ten weeks at the beginning of the year are devoted to reading selections from the *Anabasis*, the principal aim being to increase the student's facility in translation. The remainder of the year is devoted to the *Iliad.*
Open to freshmen.
Through the year.
Omitted, 1941–42.

13. The Greek Drama. Aeschylus, *Prometheus Bound;* Sophocles, *Antigone;* Euripedes, *Medea.*
Through the year.
Omitted, 1941–42.

17. Greek Civilization. This course will cover the period from the beginnings of Greek history to 146 B.C.
Through the year. Tu. Th. S., 11. MR. BRACKETT

18. Greek Literature in English. Homer, *Iliad* and *Odyssey*, plays of Aeschylus, Sophocles and Euripedes.
Through the year.
Omitted, 1941–42.

LATIN

COURSES PRIMARILY FOR UNDERGRADUATES

11. First Year Course. Indivisible course.
Open to freshmen.
Through the year.
Omitted, 1941–42.

12. Selections from Cicero, Catullus and Horace.
Open to freshmen.
Through the year. M. W. F., 9. MR. BRACKETT
To be offered as Latin 13 in 1942–43.

15. Selections from Caesar, Cicero, and Ovid. This course is open to students who have had Latin 11 or its equivalent. The principal aim is to increase the student's ability to read Latin.
Through the year.
Omitted, 1941–42.
To be offered as Latin 12 in 1942–43.

16a. Selections from Lucretius, *De Rerum Natura,* **and Cicero,** *Tusculan Disputations.*
Half course, first semester.
Omitted, 1941–42.

DEPARTMENT OF BIOLOGY

PROFESSOR HOAGLAND, *Chairman of Work in Physiology*
PROFESSOR POTTER, *Chairman of Work in Zoology and Botany*
ASSISTANT PROFESSOR NUNNEMACHER, VISITING PROFESSOR PINCUS

Research Associates

DOCTORS MARK GRAUBARD, WILLIAM PEARLMAN,
and MR. R. C. POTTER

The biological laboratories are well equipped for the courses offered and contain special equipment for advanced investigations. Funds are available annually for the purchase and building of apparatus which may be required. The university library contains complete files of the more important periodicals and reference works. Certain assistantships, fellowships and scholarships are available from time to time.

UNDERGRADUATE WORK

Biology 11 presents a comprehensive view which is prerequisite to all other courses in the department.

An undergraduate majoring in biology is expected to complete at least Biology 11 and three advanced courses in biology, Chemistry 11, Physics 11, Mathematics 10 or 11, French or German to an amount sufficient for a good reading knowledge, and at least one additional course in chemistry or physics.

A candidate for honors in biology should also take Biology 14.

GRADUATE WORK

Students whose records are approved by the department may be admitted by the Graduate Board for work leading to the degree of Master of Arts in biology or to the degree of Doctor of Philosophy in general physiology. The analysis of fundamental activities of living organisms is undertaken upon the basis of physiochemical principles. For this reason some foundation in physics, chemistry and mathematics as well as in biology is essential for advanced work. Certain courses in physics, chemistry, mathematics and psychology may be credited in the Department of Biology.

In addition to the general requirements of the university the department requires an additional copy of each doctor's dissertation.

WORK IN PHYSIOLOGY

General physiology is concerned primarily with physiochemical determinants of living processes. For this reason certain prerequisites are necessary for its study. Undergraduate enrollment is limited to those, usually seniors but occasionally juniors, who have had an adequate background in biology and in the physical sciences. Physiology 200 is recommended for premedical students and for other majors in biology and chemistry since it attempts to integrate a broad field of experimental science in terms of the functioning of living systems.

Through generous research grants from foundations, pharmaceutical houses and individuals, a program of research in two main lines of physiology is in progress: (a) nerve physiology, and (b) endocrine physiology. Both of these researches, in their clinical aspects, involve close co-operation with several of the Worcester hospitals.

In addition to course work in physiology, graduate students majoring in this field are expected to take certain recommended courses in physics, chemistry, and psychology. Approximately forty per cent of the course work for the doctor's degree in general physiology is usually done in related departments, and members of these related departments assist the biology staff in the final examinations. Candidates for the doctor's degree are also expected to take a summer course in mammalian physiology. The Harvard Medical School gives an especially suitable course of this kind.

Owing to the national emergency and the fact that the physiological laboratory is engaged exclusively in government-sponsored research, only a small number of especially well-qualified graduate students can be accepted for work in physiology.

COURSES PRIMARILY FOR UNDERGRADUATES

11. General Biology. An introduction to the fundamental principles and problems of biology. Divisible course upon approval by the department.

Open to freshmen.

Through the year. M. W. F., 11; M., 2.

MR. D. POTTER AND MR. NUNNEMACHER

12. Comparative Anatomy. A study of the morphology of the vertebrates from a comparative standpoint which traces the evolution of animals from fish to mammals. Lectures and laboratory work.

Through the year. Tu. F., 1, 2. MR. NUNNEMACHER

13. Seminar in General Biology. Credit is not given for this course. All students in the department are invited to attend and to participate.

STAFF OF THE DEPARTMENT

14. Botany. First semester, morphology and taxonomy of the lower plants. Special emphasis is given to the algae and fungi.

Second semester, systematic botany of the higher plants with special emphasis on our local flora. A collection of one hundred plants is required, also a spring field trip of at least three days' duration.

Each semester of the course may be elected separately.

Prerequisite, Biology 11, first semester.

Through the year. Tu. Th. S., 11; Th., 2. MR. D. POTTER

15b. Invertebrate Zoology. A detailed study of the structure, life history, habits, and distribution of invertebrate types. Two lectures and two laboratory periods per week.

Half course, second semester.

Omitted, 1941–42.

16a. Histology. A comprehensive course dealing with tissue structure. Emphasis is placed on the study of mammalian tissues. Two lectures and two laboratory periods per week.

Half course, first semester. MR. NUNNEMACHER

17a. Embryology. A consideration of the fundamentals of embryology. Two lectures and two laboratory periods per week.

Half course, first semester.

Omitted, 1941–42.

18b. Genetics. An introduction to the principles of genetics.

Half course, second semester.

Omitted, 1941–42.

140. Advanced Systematic Botany. Prerequisites, Biology 11, first semester and Biology 14, second semester.
Through the year. MR. D. POTTER

141b. Economic Botany. A study of the world's commercial plant products.
Half course, second semester.
Omitted, 1941–42.

142b. Entomology. An introduction to the study of insects.
Half course, second semester.
Omitted, 1941–42.

143. Forestry. An introduction to the study of forestry.
Through the year.
Omitted, 1941–42.

144b. Bacteriology. An introduction to the study of bacteriology.
Half course, second semester. MR. D. POTTER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

200. General Physiology. Open to students who satisfy the instructor as to their preparation. The principal types of functioning characteristic of living organisms are considered in the light of their physiochemical determinants.
Through the year. Tu. Th., 11 and two laboratory periods.
MR. HOAGLAND

203. Special Problems. Advanced semi-independent study of an approved topic under the direction of a member of the staff.
Hours and credit to be arranged. STAFF OF THE DEPARTMENT

204. Physiology of the Nervous System (Seminar). A study of nerve action potentials, synaptic transmission, reflex action and the functions of higher brain centers. Open to students who satisfy the instructor as to their preparation.
Through the year. Hours to be arranged. MR. HOAGLAND
Omitted, 1941–42. This course alternates with 303.

210a. Neuro-anatomy. An introductory study of the form and function of the human central nervous system. Biology 12 recommended as a prerequisite.
Half course, first semester. Tu. Th. S., 8. MR. NUNNEMACHER

COURSES PRIMARILY FOR GRADUATE STUDENTS

303. Biophysics. Principles of physics and physical chemistry in relation to physiological mechanisms. Open to students who satisfy the instructor as to their preparation. Physiology 200 should precede 303. In special cases it may be taken concurrently with 303.

Through the year. Hours to be arranged. MR. HOAGLAND
Omitted, 1941–42. This course alternates with 204.

304. Seminar in Experimental Physiology. Credit is not given for this course but all graduate students are expected to participate in the regular weekly meetings. The seminar is largely conducted by the research staff of the department and by invited speakers.
STAFF OF THE DEPARTMENT

308. Research in Physiology.
Credit to be arranged. MR. HOAGLAND

309. Research in Botany.
Credit to be arranged. MR. D. POTTER

310. Research in Zoology.
Credit to be arranged. MR. NUNNEMACHER

Courses in other departments especially recommended for graduate students in physiology who have the suitable prerequisites are Physics 14 and 23, Chemistry 19 and 32, and Psychology 320a.

DEPARTMENT OF CHEMISTRY

PROFESSOR MERIGOLD, PROFESSOR BULLOCK, ASSISTANT PROFESSOR MACDOUGALL*, MR. WALTER

Courses in chemistry fall into two groups:

First, those primarily for undergraduates. These furnish a foundation for professional work in chemistry or medicine, and are suitable for students desiring some knowledge of the subject as part of their general education.

Second, those primarily for graduate students.

UNDERGRADUATE WORK

Students who intend to become professional chemists or to study for an advanced degree in chemistry should *major* in chemistry and take at least two years' work in physics.

They are advised to conform as closely as possible to the schedule given below.

First year: Chemistry 10 or 11; Mathematics 10 or 11; English 11; one course in "division B" and foreign language.

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*Absent on leave, February 1941–.

Second year: Chemistry 12a, 13b, and 14; Physics 11; Mathematics 12; and a continuation of work in foreign language.

Third year: Chemistry 15, 110, and 19; and electives.

Fourth year: Five courses, chosen from the following: Chemistry 111, 212b, 214, 215, 233; Physics 14 and 15; an elective. A choice, with reference to future work, should be made after consultation with the chemistry staff.

Chemistry 19 is required of all "chemistry majors." Premedical students who cannot take course 19 should major in biology and take as much chemistry as possible. Chemistry 19 is essential for work in physiology.

Two years of mathematics are required preparation for Chemistry 19 and for graduate work in chemistry. The same amount of mathematics is required for all who elect chemistry as a "major," and for all who expect to become professional chemists.

For professional work in chemistry, at least one year of graduate study is highly desirable.

Students who intend to enter the field of secondary education should acquaint themselves with the requirements in "education" of state and local licensing boards and prepare to meet these requirements. This may necessitate the omission of certain courses in chemistry scheduled for the third and fourth years.

Students who intend to study medicine should elect courses 10 or 11, 12, 15 and 110 which are required for admission to practically all "class A" medical schools. Courses 13 and 14 are strongly recommended if time allows.

Attention is called to laboratory fees and breakage deposits listed under the general heading "Laboratory Fees and Deposits."

GRADUATE WORK

The Department of Chemistry provides graduate students with training in the fundamental principles of chemistry sufficiently broad to prepare them adequately for a scientific career.

Requirements for advanced degrees cannot be met merely by pursuing a course of studies or by carrying on an investigation. Hence no definite course of graduate studies is outlined. Ordinarily, completion of the undergraduate program outlined above will be a prerequisite for graduate work in chemistry.

All graduate students are required to have an adequate reading knowledge of French and German. This requirement applies to candidates for either the master's degree or the doctor's degree.

Students registered for advanced degrees are expected to spend not less than eighteen hours per week in the laboratory. This may include special laboratory work in organic, inorganic, and physical chemistry.

Graduate scholarships and fellowships are available to students in this department.

COURSES PRIMARILY FOR UNDERGRADUATES

10. Elementary Chemistry. Intended primarily for students who have not previously studied chemistry. Equivalent to course 11 as preparation for advanced courses.

Indivisible course.

Open only to those freshmen who have not studied chemistry in high school.

Through the year. Tu. Th. S., 9; Th., 2. MR. WALTER

11. General Chemistry. Chiefly inorganic. Systematic study of the elements and their principal compounds, and the fundamental laws and theories of chemistry. Three lectures and three hours of laboratory work per week. Divisible only by consent of instructor.

Open to freshmen who have studied chemistry in high school.

Through the year. M. W. F., 11; M., 2. MR. MERIGOLD

12a. Qualitative Analysis. Chiefly laboratory work, nine hours per week. Occasional lectures and recitations. Prerequisite, course 11 or its equivalent.

Half course, first semester. Tu. F., 2. MR. BULLOCK

13b. Introduction to Physical Chemistry. Lectures on some of the fundamental principles governing chemical behavior, including the study of gases, solutions, thermochemistry and homogeneous equilibria. Prerequisite, course 12a.

Half course, second semester. Tu. W. F., 12. MR. WALTER

14. Quantitative Analysis. Chiefly laboratory work, with occasional lectures, recitations, and problems. Six hours of laboratory work, and one lecture per week. Prerequisite, course 13.

Divisible for premedical students. The complete course is required for a "major" in chemistry.

Through the year. Tu., 3:30; Th., 2. MR. MERIGOLD

15. Elementary Organic Chemistry. Lectures on the fundamental principles of organic chemistry. Prerequisite, a grade C– or better in course 11, or its equivalent.

Through the year. M. W. F., 9. MR. BULLOCK

19. Physical Chemistry. A continuation of course 13b. Courses 13b and 19 should be taken in successive terms. Additional topics, include structural chemistry, heterogeneous equilibria, chemical kinetics, electromotive force, and elementary thermodynamics. Two hours of lectures and four hours of laboratory work per week. Prerequisite, Chemistry 13b and 14, Mathematics 12, Physics 11. A required course for chemistry majors.

Through the year. Tu. Th., 10; Tu., 3. MR. WALTER

110. Organic Synthesis. Laboratory work in the preparation of typical organic compounds. Course 110 should be taken, if possible, in connection with course 15. Four and one-half hours of laboratory work per week. Open only to students who take or have taken courses 12, 14 and 15.

Half course, continuing through the year. Th., 2. MR. BULLOCK

111. Detection and Analysis of Organic Compounds. Chiefly laboratory work. Open to students who take or have taken Chemistry 110.

This course may be taken throughout the year four and one-half hours per week to supplement Chemistry 19 or 110, or 9 hours per week during the second semester.

Half course, continuing through the year. M., 2. MR. BULLOCK

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

212b. History of Chemistry. Outline of the historical development of the science, and the relation of chemistry to other sciences at various periods of development. Lectures, collateral reading, reports and thesis. Open to graduate students and seniors who take or have taken Chemistry 15 and 19 or equivalent courses. Required for advanced degrees in chemistry.

Half course, second semester. Tu. Th., 11. MR. MERIGOLD

214. Advanced Quantitative Analysis (including gas analysis). Prerequisite, course 14. Lectures and laboratory work, nine hours per week.

Through the year. Tu. Th., 2. MR. MERIGOLD

215. Honors Course. Primarily for candidates for "honors in chemistry." STAFF OF THE DEPARTMENT

219a. Chemical Thermodynamics. Lectures on the principles of thermodynamics, with applications to a wide variety of chemical phenomena. Prerequisite, Chemistry 19.

Half course, first semester. M. W. F., 10. MR. WALTER

New course. To be offered, 1942–43.

233b. Physical Organic Chemistry. Lectures on the physical aspects of organic chemistry.
Half course, second semester. M. W. F., 10.
MR. BULLOCK AND MR. WALTER

COURSES PRIMARILY FOR GRADUATE STUDENTS

32a. Advanced Physical Chemistry. Lectures on thermodynamics, electrolytic solutions, theories of reaction rates, and quantum statistics. Selected special topics will be taken up according to the time available and the needs of the class.
Three hours, first semester. M. W. F., 11. MR. WALTER

33a. Advanced Organic Chemistry. Lectures on selected subjects in organic chemistry.
Two hours, first semester. Tu. Th., 11. MR. BULLOCK

34. Advanced Inorganic Chemistry. Lectures on selected topics in inorganic chemistry.
Two hours, through the year. Tu. Th., 9. MR. MERIGOLD

35. Seminar. Staff and graduate students. Reports on research work being carried on in the laboratory and reports and discussions of recently published work in related fields.
Once a week, through the year. W., 4. STAFF OF THE DEPARTMENT

314. Research in Inorganic Chemistry. MR. MERIGOLD

315. Research in Organic Chemistry. MR. BULLOCK

318. Research in Physical Chemistry.

DEPARTMENT OF ECONOMICS AND SOCIOLOGY

PROFESSOR BRANDENBURG, PROFESSOR MAXWELL, PROFESSOR LUCAS, ASSISTANT PROFESSOR MELDER

The first aim of the department, in its undergraduate courses, is to give the student a comprehensive grasp of the underlying principles and functions of our economic and social institutions, and to develop habits of systematic and unbiased thought about these institutions. Some of the courses, however, contribute to the student's preparation for a business or professional career (courses 13, 15a, 22, 26, etc.); others are specifically recommended to students who are candidates for the degree of Bachelor of Business Administration (courses 13, 27a, 211, etc.). Conversely, some students majoring in economics may be advised to elect certain courses offered in the Division of Business Administration (courses

117, 16a, 20, etc.). Business Administration 117 and 16a may be taken concurrently with Economics 11.

Economics 11 is a prerequisite to all other courses in economics, with the possible exception of Economics 14a and 14b, and is required of all majors in the department. Courses taken outside the department in partial fulfillment of the major requirement should be selected, subject to departmental approval, so as to provide a unified program centering about the student's major interest.

Candidates for departmental honors will engage in a program of independent study consisting of reading and research designed in part to give them specialized training in the fields of their major interest and in part to supplement formal courses. Ordinarily a student will not begin his independent study until the second semester of the junior year, nor will he undertake the equivalent of more than two courses in this manner.

In making elections, students should bear in mind that many advanced courses are offered only in alternating years.

GRADUATE WORK

Students expecting to enter upon graduate work should have mastered creditably, basic courses in economics equivalent to at least four courses, including Economics 11; those whose preparation is inadequate should expect to remove the deficiency before proceeding to study for a higher degree.

A range of courses sufficient for the needs of candidates for the doctorate is offered in cycles of two or three years. The classification of courses as undergraduate, intermediate, and graduate is necessarily an elastic one. Graduate students electing courses in the undergraduate category will be required to do additional work.

Fellowships, scholarships, assistantships, and other aids are available to a limited number of worthy students.

Attention is directed to closely allied courses offered in geography, history and international relations, and psychology.

ECONOMICS

COURSES PRIMARILY FOR UNDERGRADUATES

10. Social Science Survey. An introduction to methods and materials of the social sciences preparatory to later work in these fields.

For freshmen. Others will receive reduced credit.

Through the year.

Omitted, 1941–42.

11. Principles of Economics. An introduction to the fundamental economic principles, together with a study of the practical application of these principles to the problems of American life. Economics 10 is a desirable preliminary to this course.
Indivisible course.
Through the year. Tu. Th. S., 10. MR. LUCAS

13. Money and Banking. The principles of money and banking, with special reference to their functions in the present economic organization. The Federal Reserve system will be considered in some detail.
Indivisible course.
Through the year. M. W. F., 9. MR. MAXWELL

14a. Economic History of Western Europe Since 1700. The development of European industry and commerce since the Industrial Revolution.
Half course, first semester.
Omitted, 1941–42.

14b. Economic History of the United States. Such topics as the following will be discussed: economic life in the colonies; the development of agriculture and manufactures; changes in methods of transportation; domestic and foreign commerce; tariff policy; currency and public finance; industrial combination.
Half course, second semester.
Omitted, 1941–42.

15a. Public Finance. The principles of governmental expenditures, revenues, and debts, with particular reference to the United States.
Half course, first semester. M. W. F., 10. MR. MAXWELL
To be omitted, 1942–43.

16b. Economic Statistics. Primarily for students of Economics and Sociology.
Half course, second semester. M. W. F., 10. MR. MAXWELL
To be replaced, and expanded, beginning 1942–43, by Business Administration 16.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

20. Business Law.
Through the year. Tu. Th. S., 10. MR. MELDER
To be omitted, 1942–43. Offered in alternate years.

22. Labor Problems. A study of the development of worker and employer organizations, collective bargaining, industrial disputes and methods of prevention and settlement. The second semester is devoted

largely to the study of legislative control of industrial relationships and the Social Security program.
Through the year. M. W. F., 11. MR. BRANDENBURG
To be omitted, 1942–43. Offered in alternate years.

210a. Economic and Social Reform. The historical and critical study of various programs. Prerequisite, Economics 14.
Half course, first semester. M. W. F., 11. MR. BRANDENBURG
Omitted, 1941–42. Offered in alternate years.

211b. Contemporary Economic Systems. A study of totalitarian economic systems particularly of Russia, Italy, Germany, and Japan; a comparison of autarchy and free capitalism in the modern world; changes in international economic techniques consequent on totalitarian economics. Prerequisite Economics 210a or its equivalent.
Half course, second semester. MR. BRANDENBURG
Omitted, 1941–42. Offered in alternate years.

240b. Economics of Consumption. Theories of consumption, the relation of consumption patterns to other aspects of economic organization, private and social controls of consumption; consumer movements, planes of living, and other consumer problems.
Half course, second semester. MR. MELDER
Omitted, 1941–42. Offered in alternate years.

25b. Problems in Public Finance. After an historical survey of government finance in the United States, special attention will be given to problems of federal-state fiscal relations. Prerequisite, Economics 15a.
Half course, second semester. MR. MAXWELL
Omitted, 1941–42.

26. Government and Industry. An analysis of the function of government in controlling economic activity, including theories of control, historical development of control, and such special problems as the regulation of trusts, public utilities, and railroads.
Indivisible course.
Three hours, through the year. Tu. Th. S., 9. MR. LUCAS

27a. International Trade: Theory and Finance. The nature, theoretical basis, methods of financing, and governmental control, of the international movement of goods. Economics 13 is a desirable preliminary course.
Half course, first semester. Tu. Th. S., 11. MR. LUCAS
To be omitted, 1942–43.

28. Research in Selected Economic Problems. Limited enrollment; consent of the instructor required.
Credit and hours to be arranged. THE STAFF OF THE DEPARTMENT

29b. Economics of Transportation. History and present status of rail, water, and highway transport; rate-making; public regulation, government operation, and chief problems of the present.
Half course, second semester. Tu. Th. S., 11. MR. LUCAS
To be omitted, 1942–43.

See also announcement of courses offered in the Division of Business Administration. The department will approve the courses listed below (possibly others in particular cases) for credit towards the degree of Bachelor of Arts, and in partial completion of a major in economics:

B.A. 117.	Principles of Accounting.
B.A. 16.	Business Statistics.
B.A. 18.	Business Organization and Finance.
B.A. 20.	Business Law.

COURSES PRIMARILY FOR GRADUATE STUDENTS

31. International Economic Policies.
First semester. A study of the teachings of various groups of economists from the Mercantilist Era to the present day in respect to national economic policies and international economic relationships, together with an estimate of the influence of these teachings on economic developments.
Second semester. A continuation, with emphasis on actual economic policies of nation states in respect to trade, markets, navigation, raw materials, etc.; efforts at peaceful collaboration as seen in economic conferences, regional agreements, trade reciprocity and treaties, economic unions, etc.
Two hours, through the year. M., 7:15–9. MR. BRANDENBURG

38. History of Economic Thought.
First semester, to the end of the 18th century. After giving brief attention to Greek and Roman antiquity and to the Middle Ages, the contributions of the Mercantilists, the Physiocrats and Adam Smith are examined.
Second semester, modern economic thought. Attention is given rather to the history of thought than to analytical criticism of specific doctrines.
Three hours, through the year. MR. MAXWELL
Omitted, 1941–42.

39. Value and Distribution. Analytical discussion of the theories of representative modern economists.
Indivisible course.
Through the year. Hours to be arranged. MR. MAXWELL

311. Seminar in Economics and Sociology. Fortnightly round table on investigations by members of the seminar. Occasional outside speakers. All full-time graduate students in the department are required to attend. Credit for not more than one hour through the year may be allowed for this course.

Second and fourth Thursdays of each month at 7:30.

THE STAFF OF THE DEPARTMENT

SOCIOLOGY

COURSES PRIMARILY FOR UNDERGRADUATES

11. Principles of Sociology. What is society, and what are its fundamental inter-relationships? In attempting to answer these questions the course gives a comprehensive view of sociology as a social science, and serves as a solid base for further study in the field.

Indivisible course.

Through the year. Tu. Th. S., 9. MR. MELDER

See also Economics 10 and 11.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

27a. Educational Sociology. A study of education (organized and unorganized) and intellectual leadership in their relationships to politics, government, the family, religion, patriotism, business cycles, and other socio-economic phenomena. Education in the United States as it is and as it may be, will receive particular attention.

A third hour of credit may be arranged for properly qualified students.

Two hours, first semester. MR. MELDER

Omitted, 1941–42.

See also Economics 22, 210, 211, 240, and 311.

DEPARTMENT OF ENGLISH

PROFESSOR AMES, PROFESSOR DODD, PROFESSOR ILLINGWORTH, MR. MARBLE, MR. HOYT

The first term of English 11 is required of all freshmen. Candidates for the degree of Bachelor of Arts who complete the first semester of English 11 with a grade of A– or better may substitute for the second semester of English 11 any second semester course in English literature or composition which is elective for sophomores. Candidates for the degree of Bachelor of Business Administration take course B.A. 14, Business English, in the second semester of the freshman year.

A major in English consists of seven courses, not less than four of which and not more than five must be in English literature or composition, the others in related subjects. The following courses are prescribed for a student electing a major in English: English 13, 15, and three semesters chosen from English 113, 122, 146, 142 (one semester only). English 11 may not be counted as part of a major in English.

THE PRENTISS CHENEY HOYT PRIZE IN POETRY

A prize of fifteen dollars is awarded annually by the Department of English for the best poem by an undergraduate. This is the interest on a fund established by the alumni as a memorial to Prentiss Cheney Hoyt, Professor of English at Clark University from 1909 to 1920.

COURSES PRIMARILY FOR UNDERGRADUATES

11. English Composition. This course aims to increase clarity and accuracy of expression in writing, and to teach the ways in which words convey meaning. Weekly written papers, primarily of an expository nature, are assigned, together with readings of varied subject matter and book reports.

Required of freshmen.

Through the year. Tu. Th. S., 11. MR. HOYT AND MR. MARBLE

12a. Public Speaking. A course in the composition and delivery of speeches and practice in impromptu speaking. The aim of the course is to train the student to think logically and to speak simply and effectively when on his feet.

Open to freshmen.

Half course, first semester. M. W. F., 9. MR. ILLINGWORTH

13b. Shakespeare. A general survey of Shakespeare's works, including the reading and class discussion of twelve plays. Elective for juniors and seniors.

Half course, second semester. Tu. Th. S., 10. MR. AMES

15. A Survey of English Literature. A course in English literature from its beginning to the end of the eighteenth century. Elective for juniors and seniors.

Through the year. M. W. F., 10. MR. AMES

16b. English Composition. Open to students who have attained high standing in English 11.

Half course, second semester. M. W. F., 11. MR. MARBLE

18a. The Bible as Literature. Elective for juniors and seniors.

Half course, first semester. Tu. Th. S., 10. MR. AMES

110. English Literature of the Nineteenth Century. Elective for juniors and seniors.
Omitted, 1941–42.
Through the year. Tu. Th. S., 10.

111. American Literature. Elective for juniors and seniors.
Through the year. M. W. F., 11. MR. AMES

113a. British Drama. From the mysteries and moralities to Barrie, Shaw and Galsworthy.
Open to freshmen.
Half course, first semester.
Omitted, 1941–42.

114a. Elizabethan Drama.
Half course, first semester.
Omitted, 1941–42.

121. Biography and Letters. The biography, autobiography and correspondence of distinguished authors, painters and sculptors, from the eighteenth century to the present. This course is open only to upper classmen who are proficient in English.
Through the year. Tu. Th. S., 10. MR. DODD

122a. Modern Poetry. A study, in representative contemporary poets, of the new tendencies in verse. Opportunity is afforded for original verse composition. Open only to upper classmen who are proficient in English.
Half course, first semester.
Omitted, 1941–42.

124b. American Drama. A study of the American drama from colonial times to the present.
Open to freshmen.
Half course, second semester. Tu. Th. S., 9. MR. DODD

125a. The Short Story. Representative short stories in English and American literature.
Open to freshmen.
Half course, first semester. Tu. Th. S., 9. MR. DODD

126b. Modern Continental Drama. A companion course to British Drama.
Open to freshmen.
Half course, second semester.
Omitted, 1941–42.

142a. The English Novel. A study of the novel from its beginning to Thomas Hardy.

Open to freshmen.

Half course, first semester. M. W. F., 8.

MR. ILLINGWORTH AND MR. MARBLE

142b. The Modern Novel.

Half course, second semester. M. W. F., 8.

MR. ILLINGWORTH AND MR. MARBLE

143b. Argumentation and Debate. A systematic study of the principles and practice of argumentation.

Half course, second semester. M. W. F., 9. MR. ILLINGWORTH

145a. Stagecraft.

Open to freshmen.

Half course, first semester.

Omitted, 1941–42.

145b. Acting.

Half course, second semester.

Omitted, 1941–42.

146b. Oral Interpretation of Literature.

Half course, second semester.

Omitted, 1941–42.

DEPARTMENT OF FINE ARTS

LORING HOLMES DODD, *Professor of Rhetoric, Curator of Art, Chairman of the Department of Fine Arts.*

H. EARLE JOHNSON, *Instructor in Music, Director of Musical Organizations.*

CHARLES H. SAWYER, *Director, Worcester Art Museum.*

With the co-operation of:

HAVEN D. BRACKETT, *Professor of Greek and Latin.*

DAVID M. DOUGHERTY, *Associate Professor of Romance Languages.*

ROBERT S. ILLINGWORTH, *Professor of Dramatic Art.*

HAROLD S. JANTZ, *Assistant Professor of German.*

HERBERT BARNETT, *Head of Department of Drawing, Painting and Sculpture, School of the Worcester Art Museum.*

A student who intends to major in fine arts (the visual arts) or who intends to offer courses listed as "fine arts" as a part of a major in another department is expected to take the course "Introduction to the Visual Arts" before electing other courses in this department.

A major in fine arts (the visual arts) will include:

1) The basic course, Fine Arts 1, Introduction to the Visual Arts;
2) Fine Arts 111, Practical Art;
3) The equivalent of two other courses designated as "fine arts";
4) One course chosen from the following list*: French 113, German 14 or 141, Greek 17;
5) Two courses in subjects closely related to those listed above.

The group of courses chosen to constitute a major must be approved by the department in each case.

A major in music is not offered. Courses in music may be included in a major in the visual arts subject to the restrictions stated in the preceding paragraph.

The courses listed below are offered by the University in co-operation with the Worcester Art Museum and are open to students of either institution.

COURSES PRIMARILY FOR UNDERGRADUATES

Fine Arts 1. Introduction to the Visual Arts. A general introductory course in the appreciation and history of the visual arts.

First semester, Architecture and Sculpture. A study of architectural design and construction as applied to a few of the great historical monuments of Europe, and later in terms of American colonial and modern architecture. The principles of design established in the architectural section provide the foundation for a brief analysis of a few of the great masterpieces of sculpture. Two illustrated lectures per week; assigned reading; field trips.

Second semester, Pictorial Art. A continuation of the first semester's work with special reference to the paintings in the collections of the Worcester Art Museum, where the course will be held. The first semester's work is a prerequisite for the second half of the course, except in special cases, at the discretion of the instructor. Illustrated lectures; assigned readings; field trips.

Open to freshmen.

Through the year.

Omitted, 1941–42. To be offered, 1942–43 by Mr. Charles H. Sawyer, Director of the Worcester Art Museum.

Fine Arts 10a. The Art of My Country. American accomplishment in painting, sculpture and architecture. Illustrated lectures, assigned readings, field trips.

Open to freshmen.

Half course, first semester. M. W. F., 9. MR. DODD

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*It is planned to offer, as an additional option, Spanish 113, Introduction to Latin-American Civilization, in 1943–44.

Fine Arts 11b. French and English Painting, 18th and 19th Centuries. Field trips may be required. Fine Arts 10 is a prerequisite for freshmen, who are admitted only in special cases, at the discretion of the instructor.

Half course, second semester. M. W. F., 9. MR. DODD

Fine Arts 111. Practical Art—Drawing and Painting. This course is designed to develop the individual creative ability of the student and to provide him with a technical proficiency in the various media of artistic expression. Drawing and painting from the cast and model; still life painting; lectures and assigned reading.

Students electing this course are charged a fee of $10 each semester in addition to the regular tuition. There is also an initial expense estimated at about $10 for materials, and a slight expense for replacement as the course progresses through the year.

Through the year. Six hours per week at the School of the Worcester Art Museum. M. Tu., 2–5. MR. BARNETT

Music 12. A survey course. The course begins with Carl Philipp Emmanuel Bach and the genesis of sonata-form, and extends to the contemporary scene. The Vienna classicists, the romantic movement, the rise of impressionism, the so-called modernists are treated in the various types of music to be heard in concert-hall, opera house, and over the radio.

An indivisible course, except that qualified students may be admitted at the beginning of the second semester with the consent of the instructor.

Elective for sophomores, juniors, and seniors.

Through the year. M. W. F., 11. MR. JOHNSON

Music 13b. The Opera. A course in the evolution of opera from Peri's *Dafne* to Richard Strauss' *Elektra*. Special attention will be given to the social and literary backgrounds which underlie the music-drama.

Half course, second semester.

Omitted, 1941–42. To be omitted, 1942–43.

Music 14a. The Life and Works of Beethoven. A detailed study of the major works by music's most inspired prophet of the nineteenth century. The pianoforte sonatas, the sixth to ninth symphonies, and the late quartets will comprise the principal subjects of study by means of phonograph recordings and demonstrations in the classroom. Considerable attention will be given to Beethoven's life in connection with the changing conditions of his times. Music 12, or some previous interest in music is prerequisite.

Half course, first semester.

Omitted, 1941–42. To be omitted, 1942–43.

Music 15b. American Music. America's musical heritage, from the Bay Psalm Book to the present. Folk songs, psalmody, the patriotic songs of the early republic, development of secular musical life through orchestras, festivals, and the opera; the American composers from Hopkinson to Harris. Some attention is given to the introduction of European masters to American audiences through the years, but the emphasis is primarily on the significant contribution of the native composer who has now reached his majority. A study of "Broadway" and "jazz" is included.

Half course, second semester. MR. JOHNSON

New course. To be offered, 1942–43.

French 113. Introduction to French Civilization. A selective survey of the history, art, and literature of France, from the Middle Ages to the present time, given in co-operation with the Worcester Art Museum.

French 113 may not be counted in fulfillment of the requirement in foreign language.

Through the year.

Omitted, 1941–42. Offered in alternate years.

German 14 and 141. Germanic Civilization. An illustrated lecture course on the cultural development of northern Europe from Indo-European times through the Renaissance and classical period. Given in co-operation with the Worcester Art Museum.

In German 14 the required reading is entirely in English. German 141 requires extensive reading in German and yields credit in foreign language. The basic content is the same in both courses.

Through the year. At the Worcester Art Museum, one afternoon weekly, other meetings at the University.

Omitted, 1941–42.

Greek 17. Greek Civilization. This course will cover the period from the beginnings of Greek history to 146 B.C.

Open to freshmen with the consent of the instructor.

Through the year. Tu. Th. S., 11. MR. BRACKETT

Spanish 113. Introduction to Latin-American Civilization. A survey of the art, history, and literature of the Latin-American countries from pre-conquest times to the present day. Weekly two-hour meetings at the Worcester Art Museum are divided between lectures and the showing and discussing of lantern slides and photographs. A third hour weekly, at the college, is required of undergraduates. A reading knowledge of Spanish, though highly desirable, is not a prerequisite for this course.

Through the year, hours to be announced.

A new course. To be offered in 1943–44 by Professor Dougherty and Miss Marian B. Davis, A.M., lecturer in the history of art at the Worcester Art Museum.

English 145a. Stagecraft.

Open to freshmen.

Half course, first semester.

Omitted, 1941–42.

GEOGRAPHY

A complete statement of the aims and of the offerings in geography will be found in the announcement of the Graduate School of Geography.

DEPARTMENT OF GEOLOGY

PROFESSOR LITTLE

COURSES PRIMARILY FOR UNDERGRADUATES

12. General Geology. A course dealing with the origin of scenery, the classification of rocks, the structure of the earth, the geography of the past, and the evolution of life. Three recitations and one laboratory period or field trip weekly. (The laboratory period will be utilized in the manner deemed most advantageous by the instructor.) Attendance on one out-of-town field trip lasting two to four days is required.
Indivisible course.
Through the year. M. W. F., 8; Th., 2. MR. LITTLE

The following courses are offered occasionally on special request of four or more students.

121b. Crystallography, Mineralogy, and Blowpipe Analysis. An elementary course on the identification of minerals by their geometrical, physical, and chemical properties. Two class meetings and one laboratory period weekly. General geology is not a prerequisite for this course.
Half course, second semester.
Omitted, 1941–42.

122b. Economic Geology. A course dealing primarily with the origin of the deposits of useful minerals with some reference to their more important occurrences throughout the world. Elementary chemistry and geology provide a desirable preparation for this course. Two class meetings and one laboratory period weekly. Geology 121 is a prerequisite.
Half course, second semester.
Omitted, 1941–42.

DEPARTMENT OF GERMAN

ASSOCIATE PROFESSOR BOSSHARD, ASSISTANT PROFESSOR JANTZ

The Department of German provides courses for the acquisition of a reading knowledge, for the fulfillment of the general requirement in foreign languages and for the completion of a major in German. German 112 is a course for upper classmen and graduate students; the courses numbered 11, 12, 13 form a regular sequence leading up to a good reading knowledge. German 131, "Practice in Speaking and Writing German," is a course preparing for mastery of the language, necessary for teaching and recommended for advanced work in literature. Courses designated as "advanced courses in literature," numbered 141, or higher, have as a prerequisite: German 13 or 131, or an achievement test in reading, writing and oral use of the language.

COURSES PRIMARILY FOR UNDERGRADUATES

11. Elementary German. Vocabulary drill, pronunciation and grammar; composition, reading of easy prose.
Indivisible course. Two independent sections.
Open to freshmen.
Through the year. M. W. F., 9; Tu. Th. S., 9. MR. BOSSHARD

12. Second Year German. Reading, thorough review of grammar essentials, exercises in composition. Prerequisite, German 11.
Open to freshmen. Two independent sections.
Through the year. Tu. Th. S., 9 and 11. MR. JANTZ

112. Basic German. Open to juniors, seniors, and graduate students. Designed to make possible, with intensive application, the acquisition of a reading knowledge in German in one year, stressing an exact knowledge of the basic vocabulary, the fundamental points of grammar and sentence structure.
Through the year. MR. BOSSHARD
Omitted, 1941–42. To be offered, 1942–43 and in alternate years.

13. Third Year German. Extensive reading, chiefly in modern literature, grammar review, composition. Prerequisite, German 12.
Open to freshmen.
Through the year. Tu. Th. S., 8. MR. JANTZ

131. Practice in Speaking and Writing. Intensive linguistic work for prospective teachers and other students intending to continue with advanced work in German. After the month of October the course is conducted in German. Prerequisite, satisfactory work in German 12.
Open to freshmen.
Through the year. M. W. F., 8. MR. BOSSHARD
To be omitted, 1942–43. Offered in alternate years.

14 and 141. Germanic Civilization. An illustrated lecture course on the cultural development of northern Europe from Indo-European times through the Renaissance and Classical period, given in co-operation with the Worcester Art Museum.

German 14, in which the reading is entirely in English, may be counted toward fulfillment of the general requirement in Fine Arts, but not toward language credit. German 141, with extensive reading in German, will include language credit.

Through the year. At the Worcester Art Museum, one afternoon weekly; other meetings at the university.

Omitted, 1941–42.

ADVANCED COURSES IN LITERATURE

141. Germanic Civilization. See statement under 14 and 141 above.

151a. Classical and Nineteenth Century German Drama. Reading and discussion of select plays of Lessing, Goethe, Schiller, Kleist, Hebbel, Wagner, Hauptmann, and others.

Half course, first semester. Tu. Th. S., 10. MR. JANTZ

152b. The German Novel of the Nineteenth and Twentieth Centuries. Select novels, and novellen from the Romantic period to the present.

Half course, second semester.

Omitted, 1941–42. Offered on request.

153. Contemporary German Literature. Lectures, readings.

Through the year.

Omitted, 1941–42. Offered in alternate years.

161a. Lyric Poetry. A survey of representative German lyric poetry.

Half course, first semester.

Omitted, 1941–42. Offered in alternate years.

162b. Goethe's Faust. A study of this Drama, its message, and of the poet's own development and the evolution of the literary and philosophic currents of his time.

Half course, second semester.

Omitted, 1941–42. Offered in alternate years.

17. Survey of German Literature. Lectures, readings, and assigned topics in German literature from the beginnings to the present, against a background of Germany's historical development.

Through the year. Tu. Th. S., 10.

Omitted, 1941–42. Offered in alternate years.

182b. Advanced Reading in German Philosophy. A brief general introduction to philosophy in general. Reading chiefly of modern German philosophers.

Half course, second semester. M. W. F., 11. MR. BOSSHARD

To be omitted, 1942–43. Offered in alternate years.

19. Seminar for Honor Students. MR. BOSSHARD AND MR. JANTZ
Through the year. Tu. Th. S., 11.

COMPARATIVE LITERATURE

142. European Classics in Translation. A seminar course of limited enrollment open to qualified upper classmen and sophomores with the consent of the instructor. A few works are studied carefully and in their entirety. They include Dante's *Divine Comedy*, Montaigne's *Essays* (large selection), Cervantes *Don Quixote*, Molière's *Comedies*, and Goethe's *Faust*. This course fulfills the requirement in art, music and literature. It is not accepted toward the fulfillment of the requirement in foreign language.

Through the year. W., evenings, 8–10, extra conference hour to be arranged. MR. JANTZ

Omitted, 1941–42. Offered in alternate years.

DEPARTMENT OF HISTORY AND INTERNATIONAL RELATIONS

PROFESSOR BLAKESLEE, PROFESSOR D. E. LEE, PROFESSOR JORDAN, ASSISTANT PROFESSOR G. A. LEE

UNDERGRADUATE WORK

The aim of the department in its undergraduate work is to give a broad knowledge of the more significant aspects of the growth of the leading countries of the world. This includes the study not only of the important facts, but more especially of the processes of development in government, diplomacy, society, business, religion, science, and education.

History 11, primarily for freshmen, is open to members of all classes and is prerequisite for all other courses taken by those majoring in this department. Students who are not majoring in this department may, *after the freshman year*, elect any other course whose number begins with (1) without having previously taken History 11. Upper classmen who have taken one course in the department and who wish to elect a second course whose number begins with (2), may do so with the consent of the instructor.

GRADUATE WORK

The distinctive feature of the graduate work is the emphasis it places upon the various aspects of international relations. Without neglecting the political, economic and social history of preceding centuries, particular stress is laid on the modern diplomacy and international relations of the United States, Europe, the British Empire, and the Far East.

The various courses offered in the department are so arranged, in cycles of two or three years, that students working for the doctorate will be able to secure a full program each year. A feature of the method of instruction in the department is the frequent informal conferences between instructor and student, and the seminar method in many of the courses.

Particular attention is called to related work offered in the fields of geography and economics. The Division of International Affairs, whose announcement may be consulted, lists many of the courses which may be interesting in this connection.

GOVERNMENT AND POLITICAL SCIENCE

The following courses, given in the department of history and international relations, are frequently listed under a separate department of government and political science.

12. European and American Governments.
18. A survey of International Relations.
214. Constitutional Law in the United States.
231. International Law.
205. History of Political Thought.
30. Problems in International Relations.
33. Foreign Relations of the United States.

COURSES PRIMARILY FOR UNDERGRADUATES

11. Introduction to the History of Europe. The course covers the period from the fall of Rome to the present time, and serves as a general introduction to further historical study.

Open to freshmen. See departmental announcement above.
Through the year. Tu. Th. S., 10. MR. JORDAN AND MR. D. E. LEE

12. European and American Governments. The first semester will give a description of the leading governmental systems of Europe; the second will deal with the government and politics of the United States.

Through the year.
Omitted, 1941–42. To be offered, 1942–43.

15b. History of England. Dealing primarily with British history since the fifteenth century, this course forms a background for the study

of American history and English literature, and leads to an understanding of England's present place in the world.
Half course, second semester. M. W. F., 10. MR. JORDAN

17. American History Since 1783. After a brief survey of the American Revolution, the course will treat carefully the period since 1783. Divisible only with the approval of the instructor.
Through the year. Tu. Th. S., 9. MR. G. A. LEE

18. A Survey of International Relations. A general survey of the whole field of international relations which will furnish a foundation for further and more specialized work.
Through the year.
Omitted, 1941–42.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

20. Europe Since 1848. The internal and external development of the major European nations with special emphasis on the period from 1870 to the present. History 15 in addition to History 11 desirable as a prerequisite.
Through the year. Tu. Th. S., 11. MR. D. E. LEE
To be omitted, 1942–43.

21a. Great Britain in Two Wars, 1914–18 and 1939–40. England's struggle to maintain herself as a world power will be considered from the point of view of pre-war preparations as well as of the conduct of war-time operations. Students will be asked to report on special topics.
Half course, first semester. MR. JORDAN
Omitted, 1941–42.

22. The Pacific and the Far East. The course deals especially with China, Japan, Russia in Asia, the islands of the Pacific, the Far Eastern policies of the United States and the existing war.
Through the year. M. W. F., 10. MR. BLAKESLEE

25a. Recent History of the British Empire. A consideration of the nature and problems of the Empire, mainly in the twentieth century.
Half course, first semester. M. W. F., 11. MR. JORDAN

26. England Since 1760. A general course, stressing the political, economic and social development of the modern commonwealth.
Through the year. MR. JORDAN
Omitted, 1941–42.

27b. Conflicts of Modern Political Thought. A survey beginning with the French Revolution and stressing ideas of present interest.
Half course, second semester. M. W. F., 11. MR. JORDAN

28. History of the British Empire. In the second semester the course will deal with developments and problems since 1870.

Through the year. MR. JORDAN

Omitted, 1941–42.

29b. Russia. The aim of this course is to present Russian internal development from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet regime since that date.

Half course, second semester. MR. D. E. LEE

Omitted, 1941–42.

201. Social and Intellectual History of the United States. The evolution of American life from the Revolution to the present day, with emphasis upon the social customs, economic influences, racial contributions, religious beliefs, and humanitarian movements.

Through the year. Tu. Th. S., 10. MR. G. A. LEE

205. History of Political Thought. A historical course, in which the development of thought is stressed rather than the theories of individual writers.

Through the year. MR. JORDAN

Omitted, 1941–42.

214. Constitutional Law in the United States. Major emphasis is placed on recent developments and the present interpretations of our basic law.

Through the year. Tu. Th. S., 10. MR. G. A. LEE

New course. To be offered, 1942–43.

231. International Law. A general course adapted for advanced students who will do a large amount of outside reading.

Through the year. M. W. F., 9. MR. BLAKESLEE

232. European International Relations Since 1870. A study of the diplomatic history of Europe from the Congress of Berlin to the present time.

Through the year. Tu., 2–4; Th., 4. MR. D. E. LEE

To be offered, 1942–43.

242a. The United States in the Twentieth Century. A synthesis of the political, social, and economic forces in the development of the United States from Roosevelt to Roosevelt.

Half course, first semester. MR. G. A. LEE

Omitted, 1941–42. To be offered, 1942–43.

COURSES PRIMARILY FOR GRADUATE STUDENTS

30. Problems in International Relations. An intensive study of present outstanding problems, especially those which involve the policies, interests, and obligations of the United States.
Two hours, through the year. MR. BLAKESLEE
Omitted, 1941–42.

33. Foreign Relations of the United States. The history of the foreign relations of the United States from 1783 to the present.
Two hours, through the year. M., 3–5. MR. BLAKESLEE

34a. American Colonial History to 1763. The European background of American history and the political and social development in the colonies.
Two hours, first semester. Tu., 3–5. MR. G. A. LEE
Omitted, 1941–42.

320a. England Since 1865. Students will be expected to read widely and to undertake a small amount of individual research.
Two hours, first semester. W., 3–5. MR. JORDAN

35b. British India. Particular attention will be paid to the place of India in the contemporary world.
Two hours, second semester. W., 3–5. MR. JORDAN

38a. European International Relations Since 1930. The emphasis in this course is upon international affairs, although some attention is paid to internal developments in the more important states in order to make clear the causes and course of the war which broke out in 1939.
Two hours, first semester. Th., 2–4. MR. D. E. LEE

342. The Influence of Westward Expansion in American Development. The westward movement from colonial times to the passing of the frontier will be discussed in detail.
Two hours, through the year. Tu., 4–6. MR. G. A. LEE

351. Research in the International Relations of the United States. MR. BLAKESLEE

352. Research in the International Relations of the Pacific and the Far East. MR. BLAKESLEE

353. Research in the History and International Relations of the British Empire. MR. JORDAN

354. Research in the History and International Relations of Continental Europe. MR. D. E. LEE

355. Research in the History of the United States.
MR. G. A. LEE

36. Seminar. The students in the department meet each week to study particular topics in international relations and to consider the results of investigation carried on in the department.

Weekly, through the year. Tu., 7:45.

MESSRS. BLAKESLEE, D. E. LEE, JORDAN, AND G. A. LEE

MATHEMATICS

Since September, 1933, the Department of Mathematics has been combined with the Department of Physics. Professor Goddard is chairman of the combined departments.

DEPARTMENT OF PHYSICS AND MATHEMATICS

PHYSICS

PROFESSOR GODDARD*, ASSOCIATE PROFESSOR ROOPE, MR. GUNTER

UNDERGRADUATE WORK

The aim of the undergraduate work in physics is to give to the students a knowledge of the principles which are at the basis of modern applications of science to human affairs. It is deemed equally desirable to impart a knowledge of the methods and the results of modern physics which are so profoundly influencing our fundamental concepts and without which no one may be considered liberally educated. The department aims also to fit students with professional preparation for chemistry, meteorology and allied sciences, medicine, engineering and science teaching, as well as for professional or graduate work in physics.

Students should note that Physics 11 is a prerequisite for all other courses in physics here listed; also, that courses numbered 15 or higher require the use of "calculus" and should not be elected without consulting the instructor in charge.

Courses 15, 16 and 17 each require a limited amount of laboratory work to be done at the discretion of the instructor and at such a time that it will not interfere with regularly scheduled courses.

GRADUATE WORK

Because of the overloading of the staff by undergraduate courses, graduate courses leading to the degrees of Doctor of Philosophy and

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*Absent on leave, 1934–.

Master of Arts are omitted during the absence of the chairman of the department, who is engaged in defense work.

COURSES PRIMARILY FOR UNDERGRADUATES

11. General Physics. During the first semester, the work covers mechanics and heat, and during the second semester, electricity and magnetism, wave motion, sound, and light. The textbook is Foley's *College Physics*. Mathematics 10 or 11 is advised, but not required.
Indivisible course.
Open to freshmen.
Through the year. M. W. F., 10; M. or Th., 2. MR. ROOPE

13. History of Physics. A conference course on the history of the various branches of Physics. This course is not accepted as part of a *major* or a *minor*. Prerequisite, Physics 11.
Through the year.
Omitted, 1941–42.

14. Mechanical, Optical and Electrical Measurements. During the first semester this course consists of electrical measurements with advanced problems in optics. In the second semester the course consists of laboratory exercises in dynamics, followed by advanced problems in heat.
Through the year.
Omitted, 1941–42.

15. Thermodynamics. This course includes a study of the thermal properties of the solid, liquid, and gaseous states, the laws of thermodynamics, and applications to a wide range of phenomena. Prerequisite, Physics 11.
Through the year.
Omitted, 1941–42.

16. Optics. Geometrical and physical optics including work in practical photography. Prerequisite, Physics 11.
Through the year. M. W. F., 9. MR. GUNTER

17. Introduction to Modern Physics. An elementary treatment of physical experiment and theory of the past fifty years including the more recent atomic and nuclear developments.
Through the year.
Omitted, 1941–42.

18. Spectro-chemical Analysis. Lectures and laboratory work involving the techniques and applications of spectrographic analysis to industrial and research problems. First semester, qualitative analysis;

second semester, quantitative analysis. Prerequisites: Physics 11 and Chemistry 11. Enrollment limited to fifteen students.
Through the year. W. F., 12, and laboratory period. MR. GUNTER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

22. Theoretical Mechanics. This course is a systematic presentation of theory together with the solution of problems. Mathematics 12 or Applied Mathematics 1 must be taken before or with this course.
Through the year. M. W. F., 8. MR. ROOPE

23. Theory of Electricity and Magnetism. This course treats the general principles of dynamo and motor design, high-frequency phenomena and the electron theory of matter. The prerequisites are Physics 11 and Mathematics 10 or 11; Mathematics 12 or Applied Mathematics 1 must be taken before or with this course. A knowledge of differential equations is desirable.
Through the year.
Omitted, 1941–42.

27. Preliminary Mathematical Physics. This course involves reading on specially assigned topics. The object is to provide a comprehensive background for advanced work in physics. Open to undergraduate majors in physics.
Through the year. MR. ROOPE
Omitted, 1941–42.

28a. Laboratory Methods. A course in the methods of preparing and presenting the results of experiments and the preparation by each student of a report on at least one assigned topic that involves reference tables and literature. Prerequisite, Physics 11.
Half course, first semester.
Omitted, 1941–42.

216. Seminar. Open to all physics students. Occasional meetings. No credit. THE STAFF OF THE DEPARTMENT

MATHEMATICS

ASSOCIATE PROFESSOR MELVILLE

With the co-operation of:
PERCY M. ROOPE, *Associate Professor of Physics*
ROY C. GUNTER, *Instructor in Physics and Mathematics*

Courses in mathematics are offered at the undergraduate level only. Freshman mathematics (algebra, trigonometry and elementary analytical geometry) is offered in two courses to which students are assigned on the basis of placement examinations. A second year course including analytical geometry and an introduction to the calculus is offered to those who complete either of the freshman courses. In addition, Mr. Melville offers such other courses as may be required from time to time, depending on the interests of the students. Mr. Roope has given a course in applied mathematics, chiefly calculus since 1940. In 1941–42 a course in navigation has been given for the benefit of students who may enlist in the navy or the flying service.

COURSES PRIMARILY FOR UNDERGRADUATES

NOTE: Only freshmen or sophomores may elect Mathematics 10 or 11 for full credit. Juniors or seniors who complete the work of either of these courses will receive credit for two-thirds of a course.

10. Freshman Mathematics. For students whose preparation is not adequate for course 11. Algebra, trigonometry and graphics.
Open to freshmen.
Through the year. Tu. Th. S., 8. MR. MELVILLE

11. Freshman Mathematics. For students whose records in placement examinations justify the expectation that they will be able to proceed more rapidly than those assigned to course 10. Algebra, trigonometry and elementary analytical geometry.
Open to freshmen.
Through the year. M. W. F., 8. MR. GUNTER

101b. Trigonometry. A special course making it possible for juniors and seniors who also enroll in Mathematics 10 (second semester) to complete a year course in mathematics during the second semester. Offered particularly for students who wish to take advantage of certain regulations, involving a requirement in mathematics, for enlistment in the armed forces of the United States. The note above regarding reduced credit in freshman courses, does not apply to such students.
Half course, second semester. Tu. W. F., 1. MR. MELVILLE

12. Second Year Course. Analytical geometry, differential and integral calculus.
Through the year. Tu. Th. S., 10. MR. MELVILLE

13. Calculus and Differential Equations.
Through the year. Tu. Th. S., 10. MR. MELVILLE

14. Selected Topics from Analysis and Geometry.
Omitted, 1941–42.

15a. The Foundations of Algebra.
Half course, first semester. Tu. Th. S., 9. MR. MELVILLE

APPLIED MATHEMATICS

Applied Mathematics 1. Principally calculus, with special attention to the mathematical formulation and solution of practical problems.
Through the year. M. W. F., 11. MR. ROOPE

Applied Mathematics 12b. Navigation. Piloting, dead reckoning, radio position finding, and celestial navigation.
Half course, second semester. Tu. Th. S., 12.
MR. ROOPE AND MR. HOYT

DEPARTMENT OF PSYCHOLOGY AND EDUCATION

DIVISION OF PSYCHOLOGY

PROFESSOR VERNON JONES, VISITING PROFESSOR KARL BUEHLER*, VISITING PROFESSOR CHARLOTTE BUEHLER*, ASSOCIATE PROFESSOR SUPER†, ASSISTANT PROFESSOR BROWN, ASSISTANT PROFESSOR (AFFILIATE) ROSENZWEIG, VISITING LECTURER HARRIS

The psychological laboratories at Clark University were established by G. Stanley Hall immediately after the founding of the university, and constituted the first adequately appointed laboratories in this field in America. These laboratories, under the direction of Edmund C. Sanford and John W. Baird, increased rapidly in size and in research possibilities. The university provides an annual appropriation for the purchase and manufacture of any apparatus that may be required.

UNDERGRADUATE WORK

The aim of the department in its undergraduate work is to give as broad a knowledge as possible of the more significant aspects of psychology. This includes courses leading to graduate work in psychology and also courses involving the application of psychological principles to education and to industry.

Students majoring in the department will be divided into three groups: first, those who plan to do graduate work in psychology, second, those interested in general psychology but not contemplat-

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*First semester.
†Absent on leave, 1942 (March)–.

ing graduate work, and third, those interested in educational psychology and education. The requirements for each of these classes are somewhat different and students who are interested should apply to the department for detailed requirements.

GRADUATE WORK

Students who come with adequate training in elementary psychology supplemented by satisfactory training in allied fields, may expect to devote nearly all their time during the first year to advanced course-work. Such students will need to devote about half their time to course-work during their second year, and may expect to give the major part of their time to research after the second year.

Students planning to become candidates for the master's degree should confer with members of the staff as early as possible in order that a suitable thesis subject may be agreed upon.

Only graduate students with superior records are encouraged to become candidates for the doctor's degree. Such candidates are required to obtain exact information concerning all the significant methods of psychological research and to demonstrate actual ability to use one or more of these methods in an original research which usually extends over at least two years.

COURSES PRIMARILY FOR UNDERGRADUATES

11. General Psychology. An introduction to the principles of human behavior. Prerequisite: sophomore standing.

Through the year. M. W. F., 10. MR. BUEHLER AND MR. BROWN

12a. Psychology of Vocational and Educational Adjustment. The applications of psychology to the problems of learning and vocational choice.

Half course, first semester.

Omitted, 1941–42.

180. Introduction to Philosophy. A general introduction to the problems and systems of philosophy.

Through the year. M. W. F., 9. MR. BROWN

To be omitted, 1942–43. Offered in alternate years.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

200a. Social Psychology. A survey of the experimental investigations and theoretical approaches in social psychology.

Half course, first semester. Tu., 4–6; Th., 2. MR. BUEHLER

To be offered in the second semester, 1942–43.

201a (Education 201a). Educational Psychology. A study of psychological principles as they bear upon learning and other problems of education.
Half course, first semester. Th., 1; F., 4–6. MR. V. JONES

202b (Education 202b). Individual Differences and Exceptional Children. The course includes a study of the gifted, the dull, the psychoneurotic, and the delinquent child.
Half course, second semester. Th., 1; F., 4–6. MR. V. JONES

203a. Psychology Applied to Business and Industry.
Half course, first semester. M. W. F., 9. MR. SUPER
To be offered in the second semester, 1942–43.

206b (Education 206b). Psychology of Adolescence. A study of adolescent development, emphasizing the interaction of the individual, the group, and the culture.
Two hours, second semester.
Omitted, 1941–42.

207b. Industrial Psychology. A study of interpersonal relations in business and industry.
Half course, second semester. Tu., 4–6; Th., 2. MR. HARRIS
New course. To be offered, 1942–43.

210a. Child Psychology. A clinical approach to the problems of child psychology.
Half course, first semester. M., 2; F., 4–6. MRS. BUEHLER
To be omitted, 1942–43.

210b. Psychology of Character and Morale Development. A survey and critical evaluation of the experimental evidence in the field of character development and its relation to morale among children and adolescents.
Two hours, second semester. S., 11–1. MR. V. JONES

211a. Child Development. A systematic study of various phases of child development, including the development of learning and social behavior.
Half course, first semester. MRS. BUEHLER
New course. To be offered, 1942–43.

212. Experimental Psychology. A general survey of experimental psychology involving detailed experience with laboratory apparatus. Six hours in the laboratory and one lecture weekly.
Through the year. M., 2. MR. BROWN

214 (Education 214). Course 314 will be offered as course 214 in 1942–43.

215b. Industrial and Military Morale. Problems and principles in the development of industrial and military morale.
Half course, second semester. M. W. F., 9.
To be omitted, 1942–43. MR. SUPER AND MR. HARRIS

219a. Personality. An introduction to the problems of personality with special emphasis on principles of motivation and frustration theory.
Half course, first semester. MR. ROSENZWEIG
New course. To be offered, 1942–43.

22b. Dynamics of Abnormal Behavior. A survey of the chief types of abnormal behavior—psychoses, neuroses, somnambulism, and telepathy. Emphasis will be placed on the dynamics common to both normal and abnormal manifestations. A series of practical demonstrations at the Worcester State Hospital and theoretical discussions of factors underlying such deviations will be included. For pre-medical students and advanced students in psychology.
Half course, second semester. W., 11; F., 11–1. MR. ROSENZWEIG

COURSES PRIMARILY FOR GRADUATE STUDENTS

300a. Genetic Psychology. A systematic approach to genetic psychology including a study of the development of language.
Two hours, first semester. W., 2–4. MR. BUEHLER
To be omitted, 1942–43.

303 (Education 303). Guidance of Adolescents. The basic methods and techniques of guidance are studied during the first semester. The second semester is devoted largely to case studies and field work.
Two hours, through the year. S., 9–11. MR. SUPER AND MR. HARRIS

307. The Learning Process. A detailed study of the literature of experiments on learning.
Two hours, through the year. MR. BROWN
Omitted, 1941–42. To be omitted, 1942–43. To be offered, 1943–44.

313a (Education 313a). Statistical Methods. The purpose of the course will be primarily to give practice in the statistical methods most valuable for psychological experimentation.
Two hours, first semester. W., 4–6. MR. V. JONES

314 (Education 314). Tests and Measurements. A study of measures of aptitude, achievement, interest, and attitude. Consideration will be given to the use of tests in military and industrial selection as well as in psychological and educational research. Attention will also be given to test construction and validation.
Through the year. Th., 4–6. MR. SUPER, first semester
To be offered as course 214 in 1942–43. MR. V. JONES, second semester

320a. Advanced Experimental Psychology: Sensory Processes. A study of the functions of the sense organs.
Three hours, first semester. F., 7–9:30. MR. BROWN
To be offered, 1942–43 and thereafter in alternate years.

330b. Seminar: Fields of Psychology. Lectures, readings, and discussions of the major fields of psychology.
Two hours, second semester. THE STAFF OF THE DEPARTMENT

340. Departmental Seminar. M., 4–6.
THE STAFF AND VISITING SPEAKERS

350. Research in Psychology. THE STAFF OF THE DEPARTMENT

DIVISION OF EDUCATION

VERNON JONES, *Professor of Educational Psychology*
DONALD E. SUPER, *Associate Professor of Educational Psychology*

With the co-operation of:

PHILIP H. CHURCHMAN, *Professor of Romance Languages*
ROBERT S. ILLINGWORTH, *Professor of Dramatic Art*

In 1936 the trustees of the university voted to establish a Department of Education designed primarily to offer work leading to the degree of Master of Arts in Education. Beginning with the academic year 1940–41, the Department of Education has been merged with the Department of Psychology in the Department of Psychology and Education, forming a division of that department.

It has become increasingly evident that candidates for the bachelor's degree who include a few courses in education in their undergraduate programs are not being adequately prepared to meet the demands for scholarly and professional training required by the better school systems. The Division of Education was established with the aim of providing a fifth year of well-organized professional work for students who are interested in preparing for educational work, particularly at the secondary school level.

UNDERGRADUATE WORK

A limited number of courses will be open to juniors and seniors in the undergraduate division upon the consent of the instructor, but the department recommends that undergraduate students concentrate upon the subject-matter fields in which they desire to teach, reserving for the fifth year the professional work in the theory and practice of education.

In keeping with the general plan to offer in five years a well-rounded program of teacher training with emphasis on the professional aspects of the training in the fifth year, *an undergraduate major in education is not offered.*

GRADUATE WORK

The requirements for the degree of Master of Arts in Education cannot be adequately stated in terms of courses to be taken, because the evaluation of the work of each student will be made on the basis of achievement rather than on the basis of courses completed. However the minimum essentials in terms of course requirements are outlined below.

Course requirements. The student is expected to elect one of the following groups of studies as the field in which he wishes to teach:

(a) Mathematics and natural sciences
(b) History, geography, and economics
(c) Ancient and modern foreign languages
(d) English, alone or in combination with some related subject.

Prior to receiving the degree, the candidate must complete not less than five year-courses in one of the above groups, or in a combination of groups approved by the Division of Education. At least one of the five year-courses must be taken as a part of the study in residence for the advanced degree and must be passed with a grade satisfactory for graduate credit. In addition to the above requirement in the subject-matter field, sixteen semester hours of graduate work in education will normally be required. The program of courses to yield these sixteen hours must be approved in advance by the department. Changes in the proportion of education and subject-matter courses may be made by the department on the basis of the candidate's previous training. Work, additional to the above requirements, either in the subject-matter field or in education, or both, may be required if this seems necessary for the adequate preparation of the candidate.

Thesis. The candidate must present a "thesis," or "special report," in which he demonstrates not only his grasp of the subject-matter which he plans to teach but also a mastery of the educational principles necessary for such teaching. The thesis will be adapted to the vocational needs of the candidate and will not be regarded as an index of his capacity for research. In this respect it may differ somewhat from the thesis required of candidates for the degree of Master of Arts in other fields.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

201a (Psychology 201a). Educational Psychology. A study of learning and other psychological principles as they bear upon the problems of education.

Half course, first semester. W., 12; F., 4–6. MR. V. JONES

202b (Psychology 202b). Individual Differences and Exceptional Children. The course will include a study of the gifted, the dull, the psychoneurotic, and the delinquent child.

Half course, second semester. W., 12; F., 4–6. MR. V. JONES

204b. The Teaching of Modern Languages. A study of the major problems in the teaching of French. Incidental reference will be made to German and Spanish. Prerequisite, third-year college French or German course, taken previously or at the same time.

Half course, second semester. MR. CHURCHMAN

Omitted, 1941–42. Offered in alternate years.

205a. The Teaching of English. Methods of teaching poetry, drama, novel, short story, oral and written composition.

Half course, first semester. M., 4–6, third hour to be arranged.
MR. ILLINGWORTH AND MR. MARBLE

210b (Psychology 210b). Psychology of Character and Morale Development. A survey and critical evaluation of the experimental evidence in the field of character development and its relation to morale among children and adolescents.

Two hours, second semester. S., 11–1. MR. V. JONES

211a (Psychology 211a). Child Development. A systematic study of various phases of child development including the development of learning and social behavior.

Half course, first semester. Tu., 4–6, plus an extra hour to be arranged.
New course. To be offered, 1942–43. MRS. BUEHLER

214. Course 314 will be offered in 1942–43 as course 214.

COURSES PRIMARILY FOR GRADUATE STUDENTS

303 (Psychology 303). Guidance of Adolescents. The basic methods and techniques of guidance is studied during the first semester. The second semester is devoted largely to case studies and field work.

Two hours, through the year. S., 9–11. MR. SUPER AND MR. HARRIS

308a. Principles of Secondary Education. A survey of the aims, responsibilities, and general methods in secondary education.
Two hours, first semester. S., 11–1. MR. V. JONES

309b. Historical Development of Modern Education. The development of modern education in its intellectual and social setting from the time of the Reformation to the present day, with emphasis on American education.
Two hours, second semester. W., 4–6. MR. SUPER AND MR. HARRIS

313a (Psychology 313a). Statistical Methods. The purpose of the course will be primarily to give practice in the statistical methods most valuable for educational and psychological experimentation.
Two hours, first semester. W., 4–6. MR. V. JONES

314 (Psychology 314). Tests and Measurements. A study of measures of aptitude, achievement, interest, and attitude. Consideration will be given to the use of tests in military and industrial selection as well as in psychological and educational research. Attention will also be given to test construction and validation.
Through the year. Th., 4–6. MR. SUPER, first semester
To be offered as course 214 in 1942–43. MR. V. JONES, second semester

315. Apprenticeship Teaching. An informal course consisting of extensive practice teaching in the field or fields in which the student plans to teach. Individual supervision is given by the department and by critic teachers in co-operating schools.
Two hours. Time to be arranged individually with each student.
MR. V. JONES AND CRITIC TEACHERS

DEPARTMENT OF ROMANCE LANGUAGES

PROFESSOR CHURCHMAN, ASSOCIATE PROFESSOR DOUGHERTY

The French courses are planned with the following ends in view: French 11 and 12 are the basic language courses. To the student who has completed course 12, courses 13 and 14 offer respectively an option between a continuance of general language work and emphasis on translation and literature; both may be taken. Those who wish to continue the study of literature after taking course 14 will take course 114, followed by the reading seminars in which the literature is studied intensively; those interested primarily in the study of the language will take course 13 and then course 17. The latter course is especially valuable for prospective teachers of French, for whom Education 204b, the Teaching of Modern Languages, may also be of interest.

A major in romance languages may be made up from any reasonable sequence of four or five courses at or above the level of 13 or 14 with two or three approved courses in another foreign language or literature, in English or in history.

FRENCH

COURSES PRIMARILY FOR UNDERGRADUATES

11. The Reading Approach to French—For Beginners. Incidental aural work, elements of pronunciation. Indivisible course.
Open to freshmen.
Through the year. M. W. F., 11. MR. CHURCHMAN
To be omitted, 1942–43. Offered in alternate years.

12. Intermediate. Extensive reading, exercises in composition and pronunciation. Prerequisites, French 11 or two years of high school French. Indivisible course.
Open to freshmen.
Through the year. M. W. F., 8. MR. DOUGHERTY

NOTE: Courses 13 and 14 are of approximately equal difficulty. Either may be taken upon the satisfactory completion of French 12 or three years of high school French, but admission of freshmen to course 13 is restricted to specially qualified students.

13. Composition and Pronunciation. The objective of this course is the correct writing, pronunciation, and comprehension of present-day French. A weekly two-hour meeting for intensive work in phonetics replaces one of the usual class meetings. Enrollment limited to ten students.
Open to freshmen, subject to the approval of the instructor.
Through the year.
Omitted, 1941–42. To be offered, 1942–43.

14. Readings in French Literature. The aim of French 14 is twofold: the attainment of facile reading ability and a general view of modern French literature based upon a detailed study of ten works of representative authors.
Open to freshmen.
Through the year. M. W. F., 10; Tu. Th. S., 11.
MR. DOUGHERTY AND MR. CHURCHMAN

113. Introduction to French Civilization. A selective survey of the history, art, literature, and music of France, from the Middle Ages to the present time, given in co-operation with the Worcester Art Museum.

Weekly two-hour meetings at the museum are divided between lectures and the showing and discussing of lantern slides and photographs, and, occasionally, the playing of phonograph records. A third hour weekly at the college is arranged for undergraduates. Ordinarily, it is expected that students will have completed French 14 before taking this course, inasmuch as a reading knowledge of the language is highly desirable.

French 113 may be counted in fulfillment of the general requirement in art, music and literature, but not in fulfillment of the requirement in foreign language.

Through the year. W., 4:15; F., 12. MR. DOUGHERTY
Omitted, 1941–42. Offered in alternate years.

114. General View of French Literature. A unified and fairly complete account of French literature from the beginning to the present time. Prerequisite, course 14.
Through the year. Tu. Th. S., 12. MR. CHURCHMAN

NOTE: Not more than two of the courses in literature listed below are offered each year. They are restricted to qualified students and are conducted as seminars, devoted to wide reading, partly prescribed, and partly along lines suggested by the student's preference, but under guidance by the instructor. A short thesis is required in each semester. Before undertaking any of these courses it is ordinarily assumed that the student will have completed French 114 with a grade not lower than B and will have given evidence of ability to work by himself.

15. Literature of the Seventeenth Century. MR. DOUGHERTY

115. Literature of the Middle Ages. MR. DOUGHERTY

16. Literature of the Nineteenth Century. MR. CHURCHMAN

116. Literature of the Sixteenth Century. MR. CHURCHMAN

19. Literature of the Eighteenth Century. MR. DOUGHERTY

119. Contemporary Literature. MR. CHURCHMAN

17. Phonetics, Advanced Composition and Oral Work. Intensive linguistic work for intending teachers and other advanced students. Prerequisite, course 13.
Through the year. M. W. F., 10. MR. CHURCHMAN
To be omitted, 1942–43. Offered in alternate years.

Education 204b. The Teaching of Modern Languages. See announcement of "Department of Psychology and Education."
Half course, second semester. MR. CHURCHMAN
Offered in alternate years.

SPANISH

COURSES PRIMARILY FOR UNDERGRADUATES

11. Elementary. Carefully graded reading; exercises in grammar and pronunciation. Attention is paid to the artistic and cultural achievements of Spain and of Spanish America. Indivisible course.

Open to freshmen.

Through the year. M. W. F., 9. Mr. Dougherty

12. Intermediate. Combination of readings from Spanish literature with more advanced study of the language, oral and written, and special study of South America. Prerequisite, course 11 or two years of high school Spanish.

Open to freshmen.

Through the year.

Omitted, 1941–42. Offered in alternate years.

113. Introduction to Latin-American Civilization. A survey of the art, history, and literature of the Latin-American countries from pre-conquest times to the present day. Weekly two-hour meetings at the Worcester Art Museum are divided between lectures and the showing and discussing of lantern slides and photographs. A third hour weekly, at the college, is required of undergraduates. A reading knowledge of Spanish, though highly desirable, is not a prerequisite for this course.

Through the year, hours to be announced.

A new course. To be offered in 1943–44 by Professor Dougherty and Miss Marian B. Davis, A.M., lecturer in the history of art at the Worcester Art Museum.

COURSE IN RECREATIONAL LEADERSHIP

Recreational Leadership 1. Recreational Leadership: Theory and Practise. This course is regarded as a temporary expedient and an immediately practical contribution to the national emergency. It consists of two lecture periods and one afternoon of laboratory work or its equivalent per week. A textbook is used and regular assignments are given in it. Enrolment is limited to fifteen and preference is given to members of the three upper classes, twenty years or more in age. The course emphasizes the mass point of view in its training for recreational leadership. This course is not intended to meet any of the divisional requirements for graduation.

Through the year. Tu. Th. 8, additional period to be arranged.

Mr. Whitman and Mr. Bernard

The Summer School

July 6 to August 14

The six-week summer school was established in 1921, primarily to serve teachers who were employed during the regular academic year. Its organization and its offerings have, accordingly, been relatively independent of the general university program. In the present national emergency such an arrangement is no longer feasible. The necessity of providing an opportunity for college students to complete the requirements for a bachelor's degree in three calendar years makes it essential to establish a summer term as an integral part of the academic year.

Teachers, graduate students and others whose plans have been based on attendance at a summer school for six weeks will find that their needs are met, under the revised university calendar, by the second session of the summer term.

They will find courses offered in a wider range of subjects than has been customary in the Summer School, particularly in subjects contributing to a better understanding of national and international problems. Lectures, excursions, and dramatic productions will be provided as heretofore.

A normal program will consist of two subjects, each subject yielding three semester hours of credit, instead of three subjects each yielding two semester hours of credit as in previous years. The total credit for six weeks' work will, consequently, be the same as in the past. Each class period will be sixty minutes instead of fifty minutes, as formerly.

The Summer Term Bulletin, published in March, contains detailed information about the coming term with descriptions of the various courses, and may be had upon application to Clark University, Worcester, Mass.

The names of students who attended the Summer School in 1941 will be found in the register at the end of this catalogue.

The Summer Term

FIRST SESSION, MAY 25 TO JULY 3
SECOND SESSION, JULY 6 TO AUGUST 14

One result of the national emergency has been the attempt by institutions of higher education to speed up their undergraduate programs in order that students may complete the requirements for a degree within a shorter period of time.

In accordance with this policy, Clark University will offer, in 1942, a summer term of twelve weeks, divided into two sessions of six weeks each.

Instruction will be offered in:

- astronomy
- biology
- chemistry
- dramatics
- economics
- education
- English
- French
- geography
- German
- history
- international relations
- physics
- psychology
- sociology
- Spanish

Qualified students will be admitted upon presentation of proper credentials. Both undergraduate and graduate work is offered.

Work done in the summer term may be counted, toward the fulfillment of the requirements for the degrees of Bachelor of Arts, Bachelor of Business Administration, Bachelor of Education, and Master of Arts.

Unless otherwise announced, subjects are presented in "courses" or "half courses." A course, equivalent to six semester hours, involves five sixty-minute meetings per week, or their equivalent, throughout twelve weeks. A half course extends through six weeks. A normal program will be two subjects carried concurrently.

Tuition charges, for a normal program, will be $96 for the term of twelve weeks, or $48 for each session of six weeks. The charge for other programs will be on the basis of $8 per semester hour.

Rooms in Estabrook Hall for men and in Graduate Hall for women, or in private homes in the vicinity of the university will cost from $2.50 a week up. Board may be obtained at reasonable rates at near-by eating places. Meals will be served at the University Commons if there is sufficient demand.

The first session has been designed primarily for college students who will remain through the entire term of twelve weeks. However, any qualified person may be admitted to this session.

Any prospective freshman finding it possible to attend this early session will be permitted to do so, provided he can present a satisfactory record in seven semesters of preparatory school work and remains in attendance at preparatory school with a satisfactory record up to the opening of the summer term.

The second session has the additional purpose, as has been stated, to serve the group which under normal conditions would attend a summer school for six weeks, beginning about July 4. Many of the undergraduate courses have been planned so that they may be entered at the opening of the second session, and the range of choice in course offerings will be much wider than in recent summer schools.

THE SUMMER TERM AND THE ACCELERATED COLLEGE PROGRAM

The introduction of the summer term, with its two sessions of six weeks each, has given great flexibility to the college program. The college course may extend through the traditional four years or may be condensed into shorter periods of time.

An ambitious student who is well prepared, in good health and willing to work hard may complete the college course in as short a time as two years and eight months. If he is able to enroll for the entire summer session in 1942 he can receive his degree in January, 1945. His schedule for two years and eight months would be as follows:

	Credit
Enter college, May 1942:—	
Summer term 1942	2 courses
Year 1942–43	6 courses
Summer term 1943	2 courses
Year 1943–44	6 courses
Summer term 1944	2 courses
Year 1944–45 (fall term)	2 courses
Total required for graduation, January, 1945	20 courses

A student who graduates from high school in June may complete the requirements for the bachelor's degree in three calendar years without carrying more than a normal program of work at any time. Such a student, for example, could enter college at the beginning of the second session of the summer term, in July, 1942, and receive his degree in May, 1945. His schedule for the three years would be as follows:

	Credit
Enter college, July 1942:—	
Summer term 1942 (second session)	1 course
Year 1942–43	5 courses
Summer term 1943	2 courses
Year 1943–44	5 courses
Summer term 1944	2 courses
Year 1944–45	5 courses
Total required for graduation, June, 1945	20 courses

Schedules providing for graduation at other times may be worked out to suit individual needs.

COURSES OFFERED IN THE SUMMER TERM

Courses are identified by number. The letters "a" and "b" following a course number indicate that the course is offered for the first session or for the second session, respectively. Any particular course bears the same number whenever it is offered. Courses primarily for undergraduates begin with the figure "1," those for advanced undergraduates and graduate students begin with the figure "2," and those primarily for graduate students begin with the figure "3."

APPLIED MATHEMATICS

ST19a.	**Astronomy.**	Mr. Roope

BIOLOGY

ST11.	**General Biology.**	Mr. Potter and Mr. Nunnemacher
ST15.	**Field Zoology.**	Mr. Potter and Mr. Nunnemacher
ST16a.	**Histology.**	Mr. Nunnemacher
ST17b.	**Embryology.**	Mr. Nunnemacher
ST18a.	**Genetics.**	Mr. Potter
ST19b.	**The Principles of Conservation.**	Mr. Potter

CHEMISTRY

ST12a.	**Qualitative Analysis.**	Mr. Bullock
ST13a.	**Introduction to Physical Chemistry.**	Mr. Bullock

ST111a. Special Organic Chemistry.	Mr. Bullock
ST14b. Elementary Volumetric Analysis.	Mr. Merigold
ST214b. Advanced Quantitative Analysis.	Mr. Merigold

DRAMATICS

ST5b. Stagecraft.	Mr. Illingworth

ECONOMICS

ST11a. Principles of Economics.	Mr. Lucas
ST11b. Current Economic Problems.	Mr. Lucas
ST14a. Economic History of Western Europe.	Mr. Brandenburg
ST14b. Economic History of the United States.	Mr. Brandenburg
ST18. Business Organization and Finance.	Mr. Lucas
ST22a. Organized Labor in the United States.	Mr. Brandenburg
ST23b. Economics of War.	Mr. Brandenburg
ST32. Research in Selected Economic and Social Problems.	

EDUCATION

ST20b. Educational Psychology Applied to Character and Morale Development.	Mr. V. Jones
ST213b. Guidance and Selection Methods in Education and in Personnel Work.	Mr. V. Jones

ENGLISH

ST122a. Modern Poetry.	Mr. Illingworth
ST113a. English Drama.	Mr. Illingworth
ST15. A Survey of English Literature.	Mr. Marble
ST146b. Oral Interpretation of Literature.	Mr. Illingworth
ST13b. Shakespeare.	Mr. Illingworth

FRENCH

ST11b. Reading Approach to French.	Mr. Churchman
ST12. Intermediate.	Mr. Dougherty
ST14. Readings in French Literature.	Mr. Dougherty

GEOGRAPHY

ST14. Economic Geography. Mr. C. F. Jones
ST16a. Political Geography. Mr. Van Valkenburg
ST100a. Military Geography. Mr. Atwood, Jr.
ST181a. Geography of North America. Mr. Atwood, Jr.
ST190b. The Earth as a Planet. Mr. Burnham
ST191b. Maps, Charts and Graphs. Mr. Burnham
ST201b. Geography of the Far East. Mr. Van Valkenburg
ST214b. Geographic Problems of the War. Mr. C. F. Jones and Mr. Van Valkenburg
ST232b. Climatology. Mr. Van Valkenburg
ST283b. Caribbean America. Mr. C. F. Jones
ST30b. Seminar in Geography. Mr. C. F. Jones and Mr. Van Valkenburg
ST34. Research in Geography. Mr. C. F. Jones and Mr. Van Valkenburg
ST310a. Research in Regional Physiography. Mr. Atwood, Jr.

GERMAN

ST11. Elementary German. Mr. Bosshard
ST12. Second Year German. Mr. Bosshard
ST13. Third Year German. Mr. Bosshard

HISTORY AND INTERNATIONAL RELATIONS

ST201. Social and Intellectual History of the United States. Mr. G. A. Lee
ST12a. American Government. Mr. G. A. Lee
ST243b. The American Frontier. Mr. G. A. Lee
ST15a. History of England. Mr. Jordan
ST21a. Great Britain in Two Wars, 1914–18 and 1939–42. Mr. Jordan
ST12b. European Governments. Mr. D. E. Lee
ST20b. Europe Since 1914. Mr. D. E. Lee

PHYSICS

ST18b. Radio. Mr. Gunter

NOTE: One only, of the two following courses, will be offered, depending on the preference of the students who enroll.

ST17. Introduction to Modern Physics.
MR. ROOPE AND MR. GUNTER

ST23. Theory of Electricity and Magnetism.
MR. ROOPE AND MR. GUNTER

PSYCHOLOGY

ST213. Experimental Psychology of the Sensory Processes.
MR. BROWN

SPANISH

ST11. Introductory.	MR. DOUGHERTY
ST11b. Reading Approach to Spanish.	MR. CHURCHMAN

The Degree of Bachelor of Education

The degree of Bachelor of Education is offered to teachers, both men and women, who have completed a two-year normal school course, or its equivalent, and who have had at least one year of experience in teaching. Candidates for this degree are under the direction of the Committee on Extension Courses and Special Students.

Credit toward this degree may be earned in regular college courses, in summer school, and in afternoon and evening courses offered at the university especially to meet the needs of candidates for this degree ("Courses of College Grade for Adults"). Study outside of regular classes conducted under the auspices of a recognized institution of college grade cannot be accepted for credit, though such study may be the basis of relief from requirements in particular subjects.

A teacher in active service may normally earn a maximum of four semester hours of credit in each semester of the academic year and six hours in a six-week summer school.

The program leading to the degree includes requirements in English, foreign language, laboratory science, social science and education.

RULES AND REGULATIONS

The more important rules affecting candidates for the degree of Bachelor of Education are as follows:

It is impossible to cover explicitly, by rule, all situations which may arise in the absence of a fixed curriculum and with the possibility that credit toward the degree may be obtained from a variety of sources. The committee is guided by the general purpose to maintain a reasonable standard, involving suitable choice of courses and satisfactory performance in them.

Admission. Only those who have completed a two-year normal school course or the equivalent may be admitted to candidacy for the degree of Bachelor of Education.

An application for admission to candidacy must be made in writing on a form which may be obtained from the university Recorder. An application should be accompanied by evidence of graduation from a standard high school and an *official* record of all study by the applicant in normal school and college.

Applicants are notified in writing of action on their applications. Such notice in the case of those accepted includes a statement of credit allowed on records submitted, and of any special requirements.

THE MATRICULATION FEE, $5, must be paid for the purpose of opening an official record in the office of the university Recorder.

CREDIT FROM OTHER INSTITUTIONS.

a. Credit of 54 semester hours will normally be given for the completion of a standard two-year course in a normal school or teachers college. Less than this may be granted at the discretion of the committee in charge, and additional credit may be allowed for a longer period of study and for suitable work in extension courses or in summer schools. The total credit from other institutions cannot exceed 90 semester hours.

b. After admission to candidacy credit may be allowed for courses taken at approved universities, colleges, or normal schools, provided such courses are authorized in advance. In exceptional cases the committee may authorize credit for such courses taken without previous approval, but under no circumstances in excess of 75% of the face value of such courses.

c. Not more than thirty hours of credit may be allowed for home study courses and extension courses taken with outside institutions. Such work is accepted from only a limited number of sources. This thirty-hour limit applies to the combined total of "home study" and "extension" courses.

REQUIREMENTS FOR THE DEGREE.

a. 120 semester hours of college credit, including advanced standing granted at the time of admission to candidacy.

b. At least 30 semester hours of credit earned *in residence* at Clark University.

c. At least one year's teaching experience or its equivalent.

d. Requirements in particular subjects:

    (i) Six semester hours in psychology or education, taken after the completion of the two-year normal school course or its equivalent.

(ii) Six semester hours of laboratory science, taken after the completion of the two-year normal school course or its equivalent.

(iii) Ten semester hours of English, which may be taken in whole or in part in the normal school course.

(iv) Twelve semester hours in any *one* foreign language, which may be completed in whole or in part elsewhere than at Clark University. Evidence of the completion of this requirement may be supplied in the following ways: 1. by securing credit in course toward the degree for the twelve semester hours required; 2. by securing credit in course toward the degree for at least the last four semester hours normally required to complete the twelve hour requirement; 3. by passing satisfactorily an examination set by Clark University.

(v) Twelve semester hours of economics, geography, government, history, or sociology, at least six of which must be taken after the completion of the two-year normal school course or its equivalent.

STANDARD OF SCHOLARSHIP. A grade better than D+ is required in three-fourths of all credit accepted toward the completion of the requirements for the degree.

LAPSE OF CANDIDACY. Candidacy for the degree terminates automatically whenever for a period of two years or more a candidate has failed to complete any courses in Clark University yielding credit toward the degree. A candidacy terminated under this rule may be renewed by action of the committee in charge. Such renewal may involve a revision of allowances previously made, both in respect to total credit and requirements in particular subjects.

DIPLOMA FEE. The diploma fee, $5, should be paid to the Bursar not later than the beginning of the term in which the requirements for the degree will be completed.

SPECIAL COURSES FOR TEACHERS

With the needs of candidates for the degree of Bachelor of Education in mind, the university offers a series of college courses for adults designed both in respect to content and time of meeting for teachers in the public schools of Worcester and the surrounding region. These courses are also open to the general public. When

CLARK UNIVERSITY BULLETIN
Worcester, Massachusetts
No. 154 September 1941

CLARK UNIVERSITY

Announcement of Late Afternoon and Evening Courses of College Grade

First Semester 1941-1942

CALENDAR

Late Afternoon Courses (4:20-6:00)

MONDAY
- Hitler's War
- Mastery of French Reading

TUESDAY
- Art Activities
- Contemporary Literature
- Practical French

WEDNESDAY
- Character and Citizenship
- Development of the Body
- Lands and Peoples

THURSDAY
- Botany

PHOTO BY HOMER P. LITTLE

Evening Courses (7:00-8:40)

MONDAY
- Dynamics of Human Behavior
- Practical Writing

WEDNESDAY
- Survey of Social Work

THURSDAY
- Introduction to Music
- European Classics (7:30-9:20)

Attention is called to the following courses given in conjunction with the Worcester Junior College

Elementary Spanish (Mr. Dougherty)

Elementary German
Intermediate German (Mr. Bosshard)

COURSES BEGIN SEPTEMBER 29

Last Day for Enrollment October 13

Mastery of French Reading

A continuation of the work of the first year, open to new registrants who have a basic reading knowledge. Rapid survey of the elements from the beginning. Then, each day, a small amount of careful translation and much rapid content reading of short stories, plays, and material descriptive of France and French life. Practice in understanding the spoken language. Pronunciation drill.

Monday, 4:20-6:00 MR. CHURCHMAN

Practical French

Fluency in oral expression leading to the mastery of oral, aural, and written French of everyday life. A fair reading knowledge and understanding of fundamentals of French grammar is prerequisite, with two years previous study accepted as basic preparation; this course may be taken for credit by those who have completed the companion course "Foundations of Oral and Written French." MR. L. L. ATWOOD

Tuesday, 4:20-6:00

Introduction to Music

To what do we listen when enjoying the radio, a concert, or the phonograph? What are the fundamental elements out of which all works are builded? This course prepares the uninstructed listener to approach a given work with some awareness of its form, style, purport, and period. No previous study of music is requisite to an introductory study of representative works from the primitive to the present.

Thursday, 7:00-8:40 MR. JOHNSON

CLARK UNIVERSITY

Dynamics of Human Behavior

The effort to understand one's own reactions and those of his fellows should carry the serious student beyond the superficial concepts of personality held by the man in the street.

The dynamics of personality development, types of reaction to frustration and methods of ego defense are but some of the topics for discussion and classroom demonstration in part one of the course given by Mr. Rosenzweig.

Upon this psychological foundation, Dr. Barton, in part two, builds an understanding of human behavior in marriage, in the family group, in school and at work. The application of mental hygiene to everyday problems is demonstrated.

Monday, 7:00-8:40 DR. BARTON AND MR. ROSENZWEIG

Asst. Supt.
Wor. State Hosp.

Dept. of Psychology

Practical Writing

A course offering practise and criticism to those interested in writing, with practical emphasis upon the development of techniques. Various qualities contributing to the effectiveness of different types of writing will be studied. Gathering and arranging materials for the newspaper essay, the short story, the novel, the play, and poetry will be discussed. Every effort will be made to meet individual needs. Lectures, assigned reading, and original writing.

Monday, 7:00-8:40 MR. HOYT

The Development of the Body

A course revealing the beautiful formative processes by which the germ cells give rise successively to the embryo, the baby, and the adult. The human body as an organism for the reproduction of its own kind, the inheritance of parental characters, and the mother-child relationship all help to explain how we come by our bodies. Laboratory Fee $1.00.

Wednesday, 4:20-6:00 MR. NUNNEMACHER

Hitler's War

The peace settlement of 1919 and its aftermath. The progress of European affairs since the rise of National Socialism in Germany. The Italo-Ethiopian crisis, German repudiation of Versailles, Spanish Civil War, "Anschluss," Munich, the German-Polish conflict, Russian policy, the Blitzkrieg of 1940 and campaigns of 1941—these comprise the major topics to be studied by means of lectures, discussions, and assigned readings.

Monday, 4:20-6:00 MR. DWIGHT E. LEE

European Classics of the Nineteenth Century in Translation

A careful study of the seven or eight greatest literary works of nineteenth century Europe. The works will be read in their entirety. The method is an intensive study of a few masterpieces rather than the conventional reading of a large number of works or excerpts, and the aim a deeper and clearer insight into the creative forces of literature and thought.

Thursday, 7:30-9:20 MR. JANTZ

Botany

A study of the major groups of the Plant Kingdom with consideration of the structure and function of plants, their classification and relation to their environment. Laboratory Fee $1.00.

Thursday, 4:20-6:00 MR. POTTER

LATE-AFTERNOON AND EVENING COURSES

General Survey of Social Work

A description of the various fields of social work as carried through by the several social work agencies, public and private, operating in Worcester and adjacent areas. Emphasis upon its development, present-day methods and practices, its ideals and objectives, and relationship to community life. Open to teachers, social workers and other interested persons.

Wednesday, 7:00-8:40

MISS JULIA E. ROBINSON
Board of Public Welfare
MRS. ALICE SPINNEY WEBSTER
Associated Charities
MISS RUTH WALTON
Child Guidance Clinic

Character and Citizenship

Principles and methods, both general and specific, toward the development of children and youth. The approach will include psychological and educational experimentation and its relation to the problems of character and citizenship development in national defense.

Wednesday, 4:20-6:00 MR. VERNON JONES

Lands and People

A cultural and inspirational presentation of the part that the lands of the world have played in the evolution of peoples and the history of nations. The lectures, in part illustrated, will include the interpretation of the social, economic, and political conditions of ancient and modern nations in terms of their land, its character, occupancy, and utilization.

Wednesday, 4:20-6:00 MR. EKBLAW

Art Activities for the Modern Teacher

A course to help those who feel a need for modern instruction in the field of art education. The following practical topics will be studied in detail: creative self-expression in illustration; technique of the art lesson; design activities; color experiences — creative and appreciative; the integration of art with other subjects; basic art learning at various grade levels; stimulative pictorial material; and measurement in art education. No previous art training is required.

Tuesday, 4:20-6:00 MR. LEO T. DOHERTY

Contemporary Literature

A critical review of important books published during the past year selected from the fields of the novel, poetry, biography, and essay. The important plays of the season are reviewed as they are produced in New York and Boston.

Discussions and critical reviews are required of students taking the course for credit.

Tuesday, 4:20-6:00

MR. ILLINGWORTH

CLARK UNIVERSITY BULLETIN

No.156 December, 1941

Entered as second-class matter, December 29, 1920, at the Post Office at Worcester, Mass., under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized January 24, 1921. This Bulletin is published in January, March, September, October, December.

Late Afternoon
and
Evening Courses

LATE-AFTERNOON AND EVENING COURSES

THE WAY TO WAR

The background and events of World War II with emphasis on the European aspects, but also giving attention to the Pacific area and the interests of the United States before and after entry into the war.

Tues. 7:00-8:40
Mr. Dwight Lee

AMERICAN HUMOR IN AMERICAN HISTORY

Humorous writing from the Revolution to the present with emphasis on changing types and their social and psychological implications.

Mon. 7:00-8:40
Mr. Hoyt

MASTERY OF FRENCH READING

Wide reading in many types of material, some for content, some basic exercises closely translated. Ear training and pronunciation.

Mon. 4:20-6:00
Mr. Churchman

CONTEMPORARY LITERATURE

The books of the year selected from the fields of novel, poetry, biography, and essay. Plays of the moment are reviewed as they are produced in Boston and New York.

Tues. 4:20-6:00
Mr. Illingworth

INTRODUCTORY BOTANY

Major groups of the plant kingdom. Emphasis on bacteria and fungi in their relation to preservation of foods and their importance in diseases. Lab. fee $1.00.

Thurs. 4:20-6:00
Mr. Potter

EVERYDAY ART

The application of art principles to those things with which we have constant, intimate contact in the home, school, community, industry and business.

Wed. 4:20-6:00
Mr. Leo T. Doherty

LISTENING TO MUSIC

From Schubert to the present day. The expanding history of American music will be given much attention. Our American composers, their works, and their contribution to society.

Thurs. 7:00-8:40
Mr. Johnson

HUMAN GEOGRAPHY

A summary of the geographic influences which have affected man's domestic and social evolution.

Wed. 4:20-6:00
Mr. Ekblaw

EUROPEAN CLASSICS

A careful study of some of the greatest literary works of nineteenth century Europe in English translations. Kierkegaard's philosophical works, Dostoyevsky's "Brothers Karamazov", and Tolstoi's "War and Peace".

Thurs. 7:30-9:20
Mr. Jantz

GENERAL BIOLOGY

The story of life on the earth. The rise of man from the Old Stone Age to the present, and his gradual accumulation of biological information. The hour will be changed to the evening if the class so wishes. Lab. fee $1.00.

Wed. 4:20-6:00
Mr. Nunnemacher

TEACHING THE NEW ARITHMETIC

Professionalized subject-matter in arithmetic, together with the modern method of teaching the subject. Special emphasis upon drill technique.

Fri. 4:20-6:00
Mr. Dalrymple

COURSES BEGIN
WEEK OF FEBRUARY 2
LAST DAY FOR ENROLLMENT
FEBRUARY 16

Each course carries a college credit of two semester hours. This credit is automatically granted to those who are formally enrolled as candidates for the degree of Bachelor of Education in Clark University. It may also be presented for college credit in outside institutions subject to the consent and regulations of the institution involved.

REGISTRATION AND CHARGES

Students are not enrolled until the enrollment card and the fee for each course have been received by the Bursar. Those who desire to avoid the delay involved in making payments at the office of the Bursar may enroll by mail.

Tuition charges are $15.00 for a course meeting two hours a week for one semester. A matriculation fee of $5.00 is paid by credit students who have not previously matriculated, but not by auditors.

A LATE REGISTRATION FEE OF ONE DOLLAR A WEEK IS CHARGED AFTER FEB. 16.

DEGREE OF BACHELOR OF EDUCATION

A descriptive circular containing regulations for this degree (also printed in the General Catalog), as well as blank forms for admission to candidacy, may be obtained from the University.

For further information address:

LYDIA P. COLBY, Recorder.

Attention is called to these

Courses offered in conjunction with Worcester Junior College:

Elementary Spanish—	Mr. Dougherty
Elementary German—	Mr. Straube
Second-Year German—	Mr. Bosshard

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During the acade [illegible] llowing courses have een offered:

ART

Art Activities for the Modern Teacher.	Mr. Doherty*
Everyday Art.	Mr. Doherty*

BIOLOGY

Botany.	Mr. Potter
Development of the Body.	Mr. Nunnemacher
General Biology.	Mr. Nunnemacher

ENGLISH

Contemporary Literature.	Mr. Illingworth
Practical Writing.	Mr. Hoyt

FRENCH

Mastery of French Reading.	Mr. Churchman

GEOGRAPHY

Lands and Peoples.	Mr. Ekblaw

GERMAN

European Classics in Translation.	Mr. Jantz

MUSIC

Introduction to Music.	Mr. Johnson
Listening to Music.	Mr. Johnson

PSYCHOLOGY

Dynamics of Human Behavior.	Dr. Barton and Mr. Rosenzweig

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*Art Director, Worcester public schools.

In the Calen[illegible]941

BACHELOR O[illegible]S

Ben Haig Bagdikian
Gene Joseph Barberet
(With honors in romance languages)
Frank Antonio Bartimo
Linton Junior Bassett
Charles Frank Boynton, Jr.
Albert Louis Bredice
Robert Woods Bullock
Carol Francis Butler
Carl Louis Catani
Charles Albert Chabot, Jr.
Irving Edward Chase
Herman Lloyd Church, Jr.
John Joseph Clair, Jr.
Roger William Cleveland
David Jerome Cohen
Harry Harrison Cohen
Gustaf Coontz
Robert Thomas Cossaboom
Emidio Anthony DeLollis
Clifford Holman Doolittle
James Lee Eldridge
(With honor in general course and honors in history and international relations)
Lucius Theodore Everett
Max Feldman
Everett Dow Glover
Chester Handleman
Paul Manfred Hanson, Jr.
Edward Michael Healy
Forrest Walker Hubbard
Richard Lester Hull
Richard Edward Hunter
Edward Thomas Killelea
Edmund Nicodem Kudarauskas
Arthur Bernard Laughlin
Manuel Hervé Lopez
Anders Godfrey Lund, Jr.
Clayton Reginald Lund
Edward Kasimir Mikoloski
Robert Lindo Moore, Jr.
Robert Alfred Nelson
Edward George O'Neil
Gerard Arthur Ouellette
Robert Bradford Phipps
Frank Edward Ritacco
(With honor in general course)
John Francis Ross
William Edward Sides
Albert Brown Southwick
Bernard Stone
Elof Folke Swenson
John Henry Thompson
Anthony Varjabedian
(With honor in general course)
Roger George Viens
William Henry Webster, Jr.
Thomas Junior West
George Albert Winchester

BACHELOR OF EDUCATION

Ann Gertrude Cahill
Margaret Veronica Mahoney
Rose Mary Mahoney
Raymond John Manarel
Florence Cecelia McKeon
Barbara Virginia Newhall
Deborah Frances O'Connor
Gertrude Clare Power
John Paul Reardon
Mary Elizabeth Regan
Anne Smith Rush
Catherine Agnes Sullivan

MASTER OF ARTS

Clarence Lyle Barber
Kenneth Arthur Battersby
Jack Bernard
Marie Tullner Bradshaw
Douglas Weston Bray
Dorothy Louise Brown
Helen Margaret Carey
Jennie Lenora Cheatham
Jean Winifred Clarahan
Marie Virginia DeBartolo
Lee Hamsher Diehl, Jr.
Marjorie Ballou Dolkart
James Lennon Duffy
Harold Luther Fenner
Hazel Gertrude Handel
Helen Elizabeth Hill
Lillian Mary Holland
Louis Sidney Hurwitz
Donald Ellis Johnson
Esther Kroop
Harriet Ruth Long
Mary Louise MacDonald
Sidley Kerr Macfarlane
Paul Felix Martin
Mary Margaret Murphy
Lillian Edith Newfield
George Howard Pride
John William Reith
Walter Donald MacKinnon Sage
John Joseph Shannon
Jessie May Thornton
Seymour Israel West

MASTER OF ARTS IN EDUCATION

Benjamin Bernstein
Richard Meredith Burner
Katrina Ellen Curtis
John Francis Foley
Arthur Raymond Higginbottom
Lorraine Catherine Horan
Lawrence Reuben Houle
Kasper Thomas Serijan
Mary Frances Shine
Albert Theodore Stead
Howard Clarence Steere

DOCTOR OF PHILOSOPHY

Kathryn Derby Toomey Bartimo
Francis Howard Bratton
Robert Ernest Brouillard
Oscar Paul Cohen
Randle Edwin Dahl
Lawrence Franklin Fountain
Jackson Edwin Guernsey
Bernard Kopelman
William McAleer
Paul Cross Morrison
Joseph Raymond Schwendeman
Robert Bonebrake Simpson
Arthur Bertrand Warren
Robert Maurice York

HONORARY DEGREES

George Hubbard Blakeslee	Doctor of Laws
Frederick Raymond Clee	Doctor of Letters
Katharine Cornell	Doctor of Fine Arts
Isador Lubin	Doctor of Laws
Frank Ross McCoy	Doctor of Laws
Benjamin Shores Merigold	Doctor of Science
Howard Washington Odum	Doctor of Humane Letters
Lowell Thomas	Doctor of Humane Letters

SUMMARY 1941

Degrees in Course		Honorary Degrees	
Bachelor of Arts	54	Doctor of Laws	3
Bachelor of Education	12	Doctor of Letters	1
Master of Arts	32	Doctor of Humane Letters	2
Master of Arts in Education	11	Doctor of Science	1
Doctor of Philosophy	14	Doctor of Fine Arts	1

Register

Names of students are grouped in four lists. I, graduate students, college students, and special students in attendance during the regular academic year; II, those who attended the 1941 Summer School; III, extension students; IV, candidates for the degree of Bachelor of Education.

I. GRADUATE STUDENTS, COLLEGE STUDENTS AND SPECIAL STUDENTS IN ATTENDANCE DURING THE REGULAR ACADEMIC YEAR

Explanation: S—scholar; F—fellow; numerals 42, 43, 44, and 45 are used to classify undergraduates; g—students formally admitted to the graduate division; s—special students; B—biology; BA—business administration; Ch—chemistry; Ec—economics and sociology; Ed—education; En—English; G—geography; H—history and international relations; IA—international affairs; Ph—physics; Ps—psychology.

State omitted—Massachusetts; town omitted—Worcester; street names refer to streets unless otherwise indicated.

This list includes the names of all who have matriculated and registered. An asterisk (*) indicates that the student has withdrawn from the University prior to March 1, 1942. A dagger (†) indicates enrollment for the second semester only.

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
*Adkinson, Burton Wilbur	G F	San Diego, Calif.	Estabrook Hall
Albert, Myron Morton	42	Springfield	4 Hancock
Aljian, Richard D.	42	Jersey City, N. J.	112 Woodland
Allain, Donald	43		67 W. Boylston
Allen, John Winfield	45		278 Coburn Ave.
Amback, Rae	44	Reading	19 Richards
Anderson, Lloyd	43		67 Cedar
Anderson, Robert Irving	45		606 Southbridge
Anderson, Roy Stuart	43	Agawam	Estabrook Hall
Andreson, Nicholas Charles	45		12 Franconia
Angelini, Hugo Dominic	42	Clinton	
Appenzeller, Robert George	43		74 W. Boylston
Argyropais, Lemonis John	G S	Greece	6 Wyman
Armerding, Hudson Taylor	IA S	Oak Park, Ill.	11 Charlotte
Auffrey, Henry Philip	45	Pittsfield	Estabrook Hall
Augelli, John Patsy	43	Waterbury, Conn.	18 Shepard
Balk, Helen Hoppe	G S	So. Hadley	1331 Main
Barriere, John Ernest	42		37 Dayton
Baskin, Myron	IA S	Kenmore, N. Y.	11 Charlotte
Baxter, George John	45		12 Eureka Ter.
Beaton, Stephen, Jr.	Ed g	Millbury	
†Beck, Robert Nelson	45		46 Wachusett
Becker, Herbert Richard	44		17 Bellingham Rd.
Bedrosian, Azariah	45	Sutton	
Bergstrom, Harold Joseph	44		34 Arthur
Berlyn, Sumner	45		267 Fairmont Ave.
Bernard, Norman Lucien	s	Livermore Falls, Me.	Estabrook Hall
Bernier, Emil Lilla	45	Webster	
Besnia, Howard John	45		7 Jefferson
Betinis, William John	B F	Marlboro	166 Woodland
Blanchard, Cyrus Lloyd	43	Douglas	
Blum, Gerald Saul	Ps S	Newark, N. J.	166 Woodland
*Braman, Robert Edward	43	Auburn	
*Brauer, Sally	Ps g		750 Pleasant
Brennan, Joseph Francis	Ed g		84 Vernon
Bresnick, Jack	42	Brookline	4 Hancock
Bricks, George Edward	45	Holyoke	Estabrook Hall
Brooks, Gordon Hamer	42	Cherry Valley	
Brotherton, William Richard	44		18 Hitchcock Rd.
*Brown, Alice Maria	Ed g	Leicester	
Burbank, John Proctor	42		13 Beaconsfield Rd.
Buzzell, Rowena Marilyn	Ec S	Waterville, Me.	14 Oberlin
Campbell, Robert Dale	G F	Loveland, Colo.	166 Woodland
*Carpenter, Edwin Kenneth	Ps g	Ludlow	
Carroll, Helen Sara	Ed g		1 Piedmont
Carruth, William Glenn	45	Shrewsbury	
†Cassidy, Mary Anderson	Ch s	Uxbridge	1063 Pleasant
Castaldi, James Elliot	45	Boylston	

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
Cesari, Carlos Alfonso	45	Yauco, P. R.	Estabrook Hall
Chaberek, Stanley Michael	45	New Bedford	Estabrook Hall
Chavoor, Ashur George	45		934 Main
Cheatham, Jennie Lenora	H F	St. Louis, Mo.	12 May
Chused, Samuel Harold	44, s	Haverhill	1 Lagrange
†Clark, Margaret Consuelo	Ed g		72 Salisbury
Clough, Charles Irving	Ed g	Leicester	
Cohen, Leonard	44	Pittsburgh, Pa.	Worcester State Hosp.
*Colberg, Paul Vincent	44		18 Stebbins
*Colby, William Henry	42		276 Highland
Comeau, Norman Donat	43	Spencer	
*Cossaboom, Robert Thomas	B S		14 Buckingham
Costrell, Edwin Stanley	H F	Detroit, Mich.	166 Woodland
Cox, Catherine E.	G S	Chisholm, Minn.	57 Downing
Crain, Clark Nixon	IA F	Fort Collins, Colo.	9 Hawthorne
Crommett, Alfred Freeman	43		56 Granville Ave.
Cron, Robert Howard	45		64 Clover
Cross, Orrin Hartshorn	42	No. Girard, Pa.	974 Main
*Curtis, Robert Lyman	43		48 Beverly Rd.
Dalrymple, Eugene Prescott	45		34 Richmond Ave.
*Daly, Charles Francis	Ed g		486 Park Ave.
Dana, Malcolm Lewis	45	Brookline	1 Lagrange
Darling, Robert Stewart	45	No. Syracuse, N. Y.	Estabrook Hall
Deasy, George F.	G F	Cincinnati, O.	The Homeland No. Grafton
Deignan, Francis James	44		195 Lincoln
Deitzler, Richard Price	IA S	Lebanon, Pa.	114 Woodland
DeMar, Gilbert Vincent	H S	Glastonbury, Conn.	56 May
Denardo, Pat	43	Waterbury, Conn.	4 Norwood
Deranian, Hagop Martin	45		492 Park Ave.
Derby, Elizabeth Mary	Ed g	Spencer	
Derry, Lawrence John	43		35 Beverly Rd.
Diliberto, Joseph Francis	B s	Brooklyn, N. Y.	4 Downing
Donovan, Margaret Rita	Ed g	Millbury	
*Doyle, Henry Martin	44	Hudson	
†Duckworth, Howard George	Ed g	Bolton	
Duffy, James Lennon	Ec g		Holy Cross College
Dufresne, Roger Joseph	44	Shrewsbury	
Dunbar, Allen Stanley	43	Barre	766 Main
Dunleavy, Gareth Winthrop	45	Putnam, Conn.	Estabrook Hall
†Dupuis, Merrill George	45		63 Gates
Dworkin, Daniel Martin	44		93 Grand View Ave.
Easton, Dexter Morgan	43	Lambertville, N. J.	Estabrook Hall
Easton, John Roland	45	Pigeon Cove	Estabrook Hall
Eaton, Robert Henry	Ec g	Dudley	
Eaves, John, Jr.	45	Southbridge	Estabrook Hall
*Edgar, William John	Ed g	Ludlow	129 Central St., Auburn
Edson, Richard Atlee	42	Gloucester	112 Woodland
Elliot, George Francis	IA g	Rutherford, N. J.	166 Woodland
Ellis, Richard Baker	43	Oxford	
Ellison, Raymond Harold	42		54 W. Boylston Dr.
Emerson, Philip Edward	Ec S	Keene, N. H.	166 Woodland
English, Van H.	G F	Greeley, Colo.	166 Woodland
*Erbe, Henriette Jean	Ps g	Cass Lake, Minn.	14 Grand
Errede, Michael Anthony	45		256 Shrewsbury
Erselcuk, Muzaffer Mehmet	IA F	Istanbul, Turkey	6 Birch
Fein, Elihu Herman	45	Belmont	Estabrook Hall
*Feri, Otto Walter	Ph s		32 Dayton
Feuerstein, Sidney Sumner	42	Tucson, Ariz.	114 Woodland
Fiekers, Bernard Albert	Ch g		Holy Cross College
Fisher, Hildreth Hamilton	44	Spencer	
*Flury, Richard Martin	B s		30 Northampton
Foley, John Breen	Ch g		35 Beaver
*Ford, Maxwell John	42	Northboro	
Forget, Robert Charles	44		48 Houghton
*Fourka, Charles	BA s		28 Spruce
Fox, Lawrence	45	Albany, N. Y.	Estabrook Hall
Fram, Paul	Ch g		82 Fox
Fraser, Roy, Jr.	45		41 Wachusett
Frieswyk, Henry	42	Whitinsville	
Frost, Carl F.	Ps F	Portland, Ore.	166 Woodland

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
Gardner, Paul Joseph	44		23 Varnum
Garvey, Eleanor Martha	Ed g		4 Hartshorn Ave.
Gately, Charles Francis	44	Marlboro	
Gates, Jesse Arthur	43	Webster	
Gaucher, John Harry	44	Millbury	
Gillett, Newell E.	G S		4 Bay State Rd.
Gilvarg, Charles	45		22 Clifton
Ginsburg, Edward Paul	42	Brookline	1 Lagrange
*Glover, Everett Dow	Ch S		21 William
*Goldman, Nathan	Ps g	Westboro	
Goodstein, Bernard Jack	44		22 Hudson
Gray, Grant Harry	45	Fresno, Calif.	Estabrook Hall
Greenblatt, Robert Abraham	42	Brighton	4 Hancock
*Gregory, Marianne McNeill	Ps g	Maplewood, N. J.	Summer Street Hosp.
Grodberg, Marcus Gordon	44		112 Elm
Gruss, Marvin Israel	44	Norwalk, Conn.	1 Lagrange
Gudzinowicz, Benjamin John	44	Maynard	Estabrook Hall
Guss, Paul A. H.	42	So. Norwalk, Conn.	1 Lagrange
*Hall, Herman Ward	44	Barre	
*Hammarstrom, John Everett	43		46 Freeland
Hansen, Doris Victoria	H g	Webster	
*Harris, Joseph Edmond	44		15 Westwood Dr.
*Hartman, George Washington	G F	Iowa City, Iowa	166 Woodland
Harwood, Paul Vincent	45	New Bedford	Estabrook Hall
*Haskell, John McKenney	H S	Northeast Harbor, Me.	4 Hancock
Hastings, Leroy Nelson, Jr.	43	Shrewsbury	
Hébert, George Philip	43	Southbridge	
*Hemphill, John Knox	Ps S	Byers, Kas.	166 Woodland
*Hickey, Francis Raymond	Ed g		262 Burncoat
*Higginbottom, Arthur Raymond	Ch s		65 May
Hill, Raymond Bertil	42		60 Housatonic
*Hitchcock, Dorothy Mathews	Ed g		172 Park Ave.
Hoffman, James Livingstone	Ph s	Larchmont, N. Y.	33 Flagg
Hogerty, Frank Michael	45	W. Hartford, Conn.	19 Richards
Hollows, Ernest William	43		64 Florence
Hoogasian, Harry	45		47 Jaques Ave.
Horne, David Hamilton	42	Concord, N. H.	35 Maywood
Humphlett, Wilbert Jeptha	43	Agawam	Estabrook Hall
Irizarry, Julio	45	Yauco, P. R.	Estabrook Hall
Jackson, Richard Errol	45	Shrewsbury	
*Jacobs, John William	Ed g	Quincy	Worcester Academy
Jankelson, Oscar Magnus	44		15 June
*Javery, Milton Henry	45		70 Salem
Jensen, John Granville	G g	Seattle, Wash.	46 Woodland
Johnson, Donald Ellis	H F	Harvard	6 Downing
†Johnson, Georg Albert	G F	Rossville, Ind.	140 Front
Johnston, Edmund Cornealius, Jr.	45	W. Brookfield	
Jones, Donald Gerard	42	Southbridge	
Jones, Molcolm Kent	43		15 Birch
Jordan, Robert Lincoln	42, s		19 Freeland
Kallstrom, Raymond David	IA S	Devon, Conn.	56 May
Kane, Lawrence Thomas	44		23 Clement
Karpoe, John Paul	42		628 Cambridge
Kaselis, Vincent William	44	Oxford	
*Keck, Winston Bailey	Ed g	Shrewsbury	Worcester Academy
*Kenney, Paul Harrington	44	Arlington	16 Marble
Kentros, George Athan	44		70 Woodland
Kilpatrick, Richard Hardie, Jr.	45	Sterling	
*Kilpatrick, Wallace Dorman	42	Sterling	
King, Hanford Langdon	43		26 Kingsbury
*Kinniery, William M.	Ed g	Millbury	
Klamkin, Charles	45	Waterbury, Conn.	Estabrook Hall
Kleine, Herman	Ec S	Hempstead, N. Y.	166 Woodland
Kochenderfer, Lillian White	H S	Kent, Ohio	41 Hollywood
Koskinas, Arthur Frank	44		8 Gold
Kostanick, Louis Huey	G F	Coverdale, Pa.	166 Woodland
Kramer, David	44	Dorchester	6 Charlotte
Kuhn, Donald William	42	Albany, N. Y.	35 Maywood
*Lamoureux, Roger Pierre	45	Spencer	
*LaPlante, Bernard James	45		2 Wyman

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
LaRiviere, Robert Louis	43		923 Main
†Lauf, Paul A.	42		173 Lincoln
Leary, Henry Francis	Ed g		5 Almont Ave.
Lebrun, Rolande Ganguet	Ed g	W. Concord	18 Downing
Lenk, Charles Ernest	43	Cherry Valley	
Lennan, Albert Kendrick	43		65 Brantwood Rd.
Lennan, David Richards	45		65 Brantwood Rd.
*Lesser, Marshall	44	New Haven, Conn.	
†Levenson, Harry	Ps s		8 Portland
Levin, Sumner Herbert	42	Brighton	1 Lagrange
Levine, Robert Don	45	Norwalk, Conn.	Estabrook Hall
Lidstone, Frederick Bartlett	43		8 Catalpa
Little, Martin Henry	42	Millbury	
†Loa, David Kai-Foo	G S	China	166 Woodland
Lodding, Woodrow Charles	Ps S		5 Avalon Pl.
London, Lena	H S	Lake Mohegan, N. Y.	22 Shirley
Longo, Vincent Joseph	43	Leominster	Estabrook Hall
*Lucas, Joseph Charles	42	Webster	
Luebbe, Carl August	45	Upton	
Luebbe, Herbert	44	Upton	
*Lund, David Rolf	42	Washington, D. C.	31 Millbrook
Lurier, Harold Edmond	45		231 Park Ave.
†Lyon, Doris Diana	Ch s		89 Richmond Ave.
Macchi, Italo Alden	45		20 Ridge
Macdonald, Donald	45	Putnam, Conn.	4 Downing
Madaus, George Francis	H g		88 Kenberma Rd.
Magoun, Warren Read	44	Nitro, W. Va.	35 Maywood
*Malboeuf, Paul Donald	Ed g	Webster	
Malmquist, Carl Yale, Jr.	44		4 Coventry Rd.
*Mandeville, Kathryn G.	Ed g		45 Institute Rd.
Mann, Walter	44	Sterling	
Margolis, Benjamin	42		28 Marion Ave.
Marsh, Donald West	45	Rutland	
Marsh, Frank Eugene, Jr.	42	Rutland	
Marsh, Robert Templeman	42	Northboro	
Martin, Stuart Huxley	45		8 Jay
Martin, William Butler	45	Ashburnham	Estabrook Hall
Maslowski, Stanley Raymond	42	Indian Orchard	Estabrook Hall
Masters, John Henry	43		107 Lincoln
Matheson, Frederick Graham	IA F	Narberth, Pa.	2 Downing
Mauke, Otto Russell	45	Webster	
McCarthy, Bernard William	Ed g		15 Hitchcock Rd.
†McGann, Mary E.	Ed g		48 Aetna
McGovern, Hugh Michael	44		2 Ives
*McGrath, Melvin Frances	45		96 Alvarado Ave.
*McIntosh, Melvin, Jr.	44		78 Fairfield
*McKean, Gertrude Louise	G F	Tacoma, Wash.	22 Shirley
McNamara, Charles William	45		40 Chamberlain Pkwy.
McNamara, Kathryn Jane	Ec S	Pittsburgh, Pa.	3 Shirley
*Merlau, Joseph Kesse	43	Paterson, N. J.	40 Hollywood
Merriam, George Henry, 4th	44		11 Ferdinand
Merrick, George E.	45	Oxford	
Merzigian, Jacob	45		22 Bancroft
Miller, Donald Martin	42	Dorchester	27 Wyman
Miller, John Thomas, Jr.	44	Watertown, Conn.	Estabrook Hall
Mineau, Earl Homer	B s	Leicester	
Mintz, Bernard Norman	42		73 Richmond Ave.
Mitchell, Edwin Thomas	Ch g	Roslindale	3 Chelsea
Mitchell, Frederick Ironside	45, s		32 Woodbine
Monfredo, Dominic John	Ed g		69 E. Central
Morel, Robert Edward	45	Hudson	
Morgan, Charles Stebbins	43		7 Marwood Rd.
Morin, Philip Edward	42		36 Bridgeport
Morris, Charles Arthur	43		71 Malvern Rd.
Mrosek, John Rudolf	45	Manchester, Conn.	
Murray, Arlene Taylor	IA S	Flushing, N. Y.	41 Beaver
Nanigian, Jacob	45	Paxton	
Neleber, Seymour	44	Colchester, Conn.	6 Charlotte
Nelson, Donald Ralph	45		87 Fairfax Rd.
Nelson, Lester Henry	43		89 Lincoln
Nestor, James H.	Ps g	Fall River	667 Main
Niven, Jorma Iltanen	Ps F		9 Channing
Norris, Forrest Harvey	43	Feeding Hills	Estabrook Hall

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
O'Connor, James Patrick	42	Waterbury, Conn.	Estabrook Hall
Older, Harry Jay	Ps F	Hays, Kas.	939 Main
*O'Leary, Mary Carroll	H g		33 May
Ollis, George Edwin	Ph s		30 Houghton
Olson, Earl Hugo	43		31 Halmstad
Olson, Ralph Eugene	G F	Lincoln, Nebr.	
Orr, Harry Dawson	44		38 Bellingham Rd.
Osten, Donald Walter	45	Jamaica, N. Y.	Estabrook Hall
Ottaviano, Joseph Ottorino	45		106 Hamilton
Pahigian, Noriar	45		17 Millbury
Palley, Arthur	43		17 Havelock Rd.
Pappas, Alex Michael	45	Auburn	
†Pearson, Charles Mead	43		10 Dean
Perkins, Carl Wakefield, Jr.	45	Fitchburg	Estabrook Hall
*Perry, Henry Barnes	Ed g	Leominster	
*Peterson, Chester Earl	44		4 Westover Rd.
*Peterson, Elizabeth Gertrude	Ed g		5 Reeves
Pierce, John Arthur	44	Batavia, N. Y.	25 William
*Pontbriand, Clifford Hector	44	Charlton Depot	
Porter, Charles William	45	Agawam	Estabrook Hall
†Powers, Mary Pauline	Ed g		16 Englewood Ave.
Price, Gordon Stephen	45	Fitchburg	Estabrook Hall
Priest, Andrew George	44	Fitchburg	Estabrook Hall
Prue, Arthur Anton	44	Delmar, N. Y.	19 Richards
*Prunty, Merle Charles, Jr.	G F	Newhern, Tenn.	106 Woodland
Puniskis, George John	42		13 Suffield
Racine, Joseph Wilfred	44	Putnam, Conn.	Estabrook Hall
Raphaelson, Murton Edward	43		39 Florence
Rebstad, Kenneth Martin	42		175 Clover
Reiman, Earl Allen	43		63 Maywood
Reiner, Herbert, Jr.	H F	Lancaster	166 Woodland
Resnick, Oscar	44	Winchendon	42 Freeland
Rettig, Heinz	44		101 Holden
Riemer, Neal	43	Jersey City, N. J.	6 Charlotte
Ritacco, Frank Edward	Ec S		61 Orient
Roberts, Donald Mitchel	42	Spencer	
Ronnholm, Paul Frederick	45		20 Auburn
Rotshtan, Nathan Jacob	s		95 Harrison
Rudman, Chester Landry	43	Newton Centre	1 Lagrange
Sagansky, Albert Paul	44	Brookline	Estabrook Hall
*St. John, Abraham G.	Ed g		7 Isabella
†Salmon, Julia Agnes	H g		55 W. Boylston Dr.
Sandberg, Russell Godfrey	42		69 Greenwood
Sarason, Seymour Bernard	Ps F	Newark, N. J.	166 Woodland
Sawicki, Robert Eugene	42		174 Vernon
Sawyer, Ivers Sidney	45	Berlin	
Schneider, Barney	44		17 Mendon
Schoepflin, Adolphe Joseph	42	No. Miami, Fla.	40 Hollywood
Scotland, Robert Howe	42	Cochituate	6 Downing
Seitzer, H. Lee	Ec S	New York, N. Y.	166 Woodland
Senter, Kenneth Alton	43		23 Dover
Shepro, David	45	Holyoke	Estabrook Hall
Sherman, Joseph	44		17 Mason
Shopes, Louis John	43	Rochester, N. Y.	35 Maywood
Sigel, Irving Edward	43		94 Houghton
Silverberg, Joseph Edward	45	W. Boylston	
Simon, Raymond Morrison, Jr.	BA s		25 Berkmans
Sinclair, Edward Elliot	44		12½ Goulding
Singer, John Jacob	42	Collingswood, N. J.	156 Woodland
Singer, Samuel	45		36 Derby
*Small, Cloyd Eldon	Ed g	Kingfield, Me.	Worcester Academy
Smith, Albert William	43	Hudson	
Smith, Arthur Kent	44		193 King Philip Rd.
Smith, Roscoe Sawtelle	Ch F	Oroville, Wash.	40 Westwood Dr.
Solon, John James	Ed g	Pittsfield	15 Haynes
Spoerl, Dorothy Tilden	Ps F	Springfield	
Spongberg, Burton Victor	44		10 Monica Rd.
Spring, Walter Edward	45		86 Lovell
Stanhope, William Russell	42	W. Brookfield	
Stavrianos, Nick Stavros	45	Vancouver, B. C., Can.	19 Richards
Stepanski, Matthew	42	Jersey City, N. J.	Estabrook Hall

NAME	CLASSIFICATION	HOME ADDRESS	WORCESTER ADDRESS
Stevens, Lloyd Russell	43	Marlboro	
Stone, David Leon	43	Brookline	1 Lagrange
Stringer, Carl John, Jr.	44		33 Brandon Rd.
Strzelecki, Sigmond Richard	44		105 Sterling
*Suchodolski, Stanley John	Ph s		129 Endicott
Sullivan, Arthur Francis	Ed g		314 Mill
Sund, Kenneth Albert	44		28 Rodney
Sundeen, Lillian Evangeline	Ed g		46 Channing
*Teschner, Charles William	Ch s		26 Beaconsfield Rd.
*Thompson, Lawrence Carson	B S	Youngstown, O.	166 Woodland
*Toristoja, Wilho Harold	B s	Ashburnham	
*Torrey, Marion	Ed g		19 Westland
Trowbridge, Elinore Barrie	Ps F	Boston	112 Woodland
Trowbridge, Lowell S.	Ps F	Boston	112 Woodland
Trueblood, Lester Wendell	IA F	Loogootee, Ind.	7 Eureka Ter.
Tuerk, Ben, Jr.	44	Bayside, N. Y.	Estabrook Hall
Tufts, Donald Irving	42	Westboro	4 Downing
Tutko, Stephen A.	G S	Allentown, Pa.	11 Charlotte
*Umbaugh, Raymond Eugene	B s	Argos, Ind.	919 Main
Valentine, Leslie Warren	42		2 Woodbine
Vamvas, Anthony Demetrius	43		100 Richmond Ave.
Van Cott, Stuart W.	En s	Oxford	
Van de Workeen, Ivan Boris, Jr.	45		14 Charlotte
*Viens, Roger George	Ed g		178 Hamilton
Voight, Walter Richard	44	Niantic, Conn.	Estabrook Hall
Wade, Alan Bennett	44		81 Providence
Wade, Harold Hamilton, Jr.	44		81 Providence
Waterman, George Elwell	B s	Bradford	Assumption College
Weinberg, Mervin Jay	42	Roxbury	Estabrook Hall
Weiner, Milton Gershon	45		17 Varnum
Weiss, Irving Myer	B g		8 Lagrange
Wheeler, Raymond Carl	G s	W. Brookfield	134 Beacon
Wheeler, Russell Arthur	44		142 Belmont
Williams, Lloyd Arthur	43	Jersey City, N. J.	19 Richards
Williams, Malcolm	45		7 Greenhill Ave.
Williamson, Mary Frances	G S	Cedar Grove, N. J.	35 May
Wolkowich, Leon Julian	45		159 Providence
Woodbury, Esther Kimball	Ps g		15 Kimball
Woodman, Charles Austin	45	Oxford	
Wright, James Clifton	45	Fitchburg	Estabrook Hall
Yagjian, Arthur	45		3 Lapierre
Yagjian, Ralph Avedis	42		3 Lapierre
Yetvin, Ralph	44		49 Havelock Rd.
*Yueh, Yu Ch'ang	44	Shanghai, China	Estabrook Hall
Zebrak, Nathan	43, s		16 Wabash Ave.
Ziemlak, Leo William	44	Pittsfield	70 Greenhill Pkwy.

II. SUMMER SCHOOL STUDENTS (1941)

Abar, Edith, Westminster
Adshead, Mona, Auburn
Andrews, Forrest, Uxbridge

Baker, Mary L., Cambridge
Balk, Helen H., South Hadley
Barnes, Frances N., Winchendon
Barriere, John E., Worcester
Beaton, Stephen, Jr., Millbury
Beckford, Anna H., Worcester
Bergstresser, Robert S., Minersville, Pa.
Bopp, Fred H., Worcester
Brammell, James A., Washington, D. C.
Bricks, George E., Holyoke
Bridge, Elizabeth G., Windsor, Conn.
Burr, Rosamond, So. Bellingham

Cabeen, Charles K., Easton, Pa.
Campbell, Colin H., Clinton
Carlstrom, Delna P., Worcester
Carroll, Helen S., Worcester
Catlin, Winton I., New Britain, Conn.
Cellemme, Julia, Worcester
Coates, Luella M., Findlay, O.
Comstock, Andrew H., Buttonwoods, R. I.
Connolly, Rita M., Worcester
Curtin, Roger A., Worcester

Daley, Ann, Grafton
Daniels, Belle M., Oakham
Daniels, Katherine M., Oakham
Davin, Edward M., Worcester
Davis, Minnie A., Lee

Deary, Betty, Webster
Deering, E. Agatha, Shrewsbury
De Meyer, Julie, Secaucus, N. J.
Derby, Elizabeth M., Spencer
Dickerman, John M., Spencer
Donahue, Michael A., Worcester
Dow, Ruth N., Fall River
Duckworth, Howard G., Bolton
Dufresne, Roger, Shrewsbury

Eaton, Louise S., Worcester
Eaton, Robert H., Dudley
Ekblaw, W. Elmer, Jr., No. Grafton
Engle, Carl R., Reading, Pa.

Feldman, Max, Worcester
Fiske, Wilma, Upton
Flury, Richard M., Worcester
Flynn, Ann P., Holyoke
Flynn, Christine, Worcester
Franchi, Rocco, Hartford, Conn.
Fryer, Francis L., Worcester

Garvey, Eleanor M., Worcester
Gilligan, Frances O., Worcester
Granger, Harold J., Bellingham
Green, Beatrice G., Worcester
Griffin, Ella W., Westboro
Gueffroy, Edna M., Bloomington, Ill.
Guest, Dorcas, Princeton

Hamilton, Catherine E., Worcester
Hammarstrom, Everett J., Worcester
Harris, J. Edmond, Worcester
Hastings, Leroy N., No. Grafton
Higgins, Margaret B., Worcester
Hill, Paul D. B., No. Attleboro
Horan, Lorraine, Worcester

Jacobs, Anne, Worcester
Jameson, Marie, Worcester
Jaworski, Chester S., Worcester
Johnson, Bertha A., Grafton
Jordan, Robert L., Worcester

Katkauskas, Alice B., Worcester
Kesner, Morris, Worcester
Killelea, Edward T., Leominster
Kimball, Jeanne, Sutton
King, Charlotte E., Worcester
Kingsbury, Mildred L., White River Jct., Vt.
Kuivila, V. Theresa, Worcester

Ladd, Mary E., Burlington, Vt.
Lang, Mary R., Hanover, N. H.
Lanphear, Dorothy M., Southbridge
Lathrop, Margaret E., Fairfield, Conn.
Leary, Henry F., Worcester
Lee, T. Charles, Worcester
Leslie, Robert D., Jr., Worcester
Liard, Theodore J., Jr., Providence, R. I.
Longo, Vincent J., Leominster
Lovell, Ellen S., W. Boylston
Lund, A. Godfrey, Jr., Worcester
Lund, Clayton R., Worcester

Madaus, George F., Worcester
Maddocks, Roger S., Brimfield
Malboeuf, Paul D., Webster
Marlin, Lillian C., Worcester
Marsh, Frank E., Rutland
Masters, John H., Worcester
Masters, Loretta G., Worcester
Masterson, Barbara, Auburn
Mayo, Ralph C., Worcester
McAvoy, Jane, Worcester
McCarthy, Bernard W., Worcester
McCarthy, Peggy Ann, Westboro
McGovern, Hugh M., Worcester
McKenna, Mary J., Worcester
McKerrow, A. Hamilton, Worcester
Merrifield, Helen E., Worcester
Monfredo, Dominic J., Worcester
Morris, Joycelin I., Worcester
Mullen, Mary B., Leominster
Murphy, John J., Worcester

Narjarian, Rose R., No. Bergen, N. J.
Newhall, Barbara V., Uxbridge

O'Connell, William J., Worcester
Ogilvie, Bruce C., Longmeadow, R. I.
O'Regan, Marie J., Worcester
Osborn, Caroline L., Worcester
Otis, James I., Fitchburg

Perry, Henry B., Leominster
Peterson, Elizabeth G., Worcester
Pitcher, Thornton L., Bellows Falls, Vt.
Pluta, Stacia M., Worcester
Porochniak, Paul, Salem
Powers, James J., Jr., Worcester
Puniskis, George J., Worcester

Quirk, Mary E., Haverhill

Racine, Joseph W., Putnam, Conn.
Reardon, John P., Worcester
Rebstad, Kenneth. M, Worcester
Ross, Carl W., West Lafayette, O.
Rumpal, Bruno, Springfield
Russell, Dorothea S., Jewett City, Conn.

Salmon, Julia A., Worcester
Sandberg, Russell G., Worcester
Schneider, Noreen, Fulton, N. Y.
Shea, Agnes G., Worcester
Shine, Mary F., Worcester
Sieve, Lillian I., Lynn
Solon, John J., Pittsfield
Spongberg, Burton V., Worcester
Sprague, Jean M., Shrewsbury
Stone, Bernard, Worcester
Sundeen, Lillian E., Worcester
Sunden, Howard H., Worcester

Taft, Earl D., Uxbridge
Tangney, Raymond F., Worcester
Tangney, Robert A., Worcester
Tangring, Hilda M., Montclair, N. J.

Uihlein, George V., Jr., Worcester

Wahlstrom, Esther M., Worcester
Warman, Henry J., Norristown, Pa.
Webber, Helen G., Barre
Webber, Margaret C., Barre
Wheaton, Philip D., Putnam, Conn.
Wheeler, Grace E., Rutland
White, Yale, Worcester
Williams, Hadwen H., Viola, Iowa
Winchester, George A., Worcester
Winterbottom, Lemuel J., Paxton
Wood, Walter D., Fairhaven, Mass.

III. EXTENSION STUDENTS

1941–42

Amidon, Dorothy A.
Amill, Lali
Anguria, Rita M.
Appleton, Hilda

Beauregard, Marion R.
Beck, Mildred L.
Burrell, Frances L.

Caase, Emilie C.
Camp, Georgiana
Carey, A. Blanid
Carlstrom, Delna P.
Carmody, Catherine A.
Carroll, Lillian C.
Clarke, Roland H.
Clemence, Elizabeth W.
Clemence, Robert U.
Cruikshank, Dorothy F.

Desanges, Gene R.
Dewar, Margaret N.
Donohue, Philip V.
Donovan, Daniel F.
Duckworth, Howard G.

Eaton, Louise S.
Edwards, Lilly C.

Farrell, Thomas F.
Ferguson, Esther A.

Gannon, Mildred E.
Gardella, Lillian K.
Gatti, Ora J.
Gilligan, Frances O.
Glover, Mary E.
Goodlight, Gertrude L.
Goodman, Gertrude
Goodman, Sylvia R.
Gordon, Helen C.
Grant, Dorothy C.
Grenon, Constance B.

Halpin, Jean F.
Hamilton, Catherine E.
Handel, Gertrude
Hippert, Grace W.
Hundley, Elisabeth E.
Hussey, Alice M.

Jacobson, Eunice M.
Jaffe, Rose
Johnson, Hester L.
Jones, Harriet H.

Keith, Eliza C.
Kenney, Helen
Kenney, M. Gladys
King, H. Vernon

Langevin, Wilfred W.
LaPlante, Olive E.
Larkin, Jean T.
Levenson, Harry
Lincourt, Marita K.
Lisabitsky, Sylvia
Lodding, Marjorie
Long, Alice M.

Malcolm, Alice A.
Mara, Agnes V.
McCann, Jean M.
McCulley, Priscilla A.
McIntyre, Ellen M.
McPartland, Christine
Miner, Ethel M.
Moran, Julia A.
Moulson, Dorothy E.
Moulson, Olive G.
Mulhall, Ellen E.
Murphy, Margaret A.

Nelson, Sarah G.
Newhall, Barbara V.
Norbery, Louise M.
Nygard, Alice I.
Nyquist, Carolyn M.

O'Connor, Roselin S.
O'Regan, Marie J.
Palley, Esther
Powell, Margaret R.
Prescott, Marjorie
Prew, Winnifred T.
Prifti, Sandra
Prizio, Claire M.

Quigley, Helen T.

Reid, Eva G.
Rice, Rebecca
Robinson, Grace
Rollins, Ellen H.
Rowe, Eleanor F.
Russell, Dorothea S.

Sahlin, B. Caroline
Shapiro, Minnie
Shea, Ella G.
Slovin, Dorothy L.
Strogoff, Dorothy
Strogoff, Lottie
Strong, Agatha F.
Sullivan, Margaret M.
Swett, Virginia S.

Tait, Flora K.
Tattan, Gertrude C.
Tibbetts, Florence M.
Tobin, Eva M.
Torpey, Margaret F.
Tozier, Virginia
Trowbridge, Clara F.

Wade, Virginia D.
Wagenaar, Jenny
Watkins, Gertrude
Webster, Gloria M.
Whipple, Mary E.
Winchester, George A.
Wright, Helen L.

Zendzian, Sophie M.

IV. CANDIDATES FOR THE DEGREE OF BACHELOR OF EDUCATION IN ATTENDANCE DURING 1941–42, EITHER IN THE 1941 SUMMER SCHOOL OR DURING THE REGULAR ACADEMIC YEAR

Amidon, Dorothy A.

Beck, Mildred L.
Bernard, Norman L.
Burrell, Frances L.

Carlstrom, Delna P.
Carroll, Lillian C.

Eaton, Louise S.

Gilligan, Frances O.
Goodlight, Gertrude L.

Halpin, Jean F.

Jaffe, Rose

Kenney, Helen
Kingsbury, Mildred L.

Lisabitzky, Sylvia
Long, Alice M.

Mara, Agnes V.
Miner, Ethel M.

Newhall, Barbara V.
Norbery, Louise M.
Nygard, Alice I.

O'Regan, Marie J.
Osborn, Caroline L.

Quigley, Helen T.

Reardon, John P.
Rice, Rebecca
Rollins, Ellen H.
Rotshtan, Nathan J.
Russell, Dorothea S.

Shea, Ella G.
Sullivan, Margaret M.

Torpey, Margaret F.

Webber, Margaret C.

Zendzian, Sophie M.

SUMMARY 1941–42

Undergraduates		248
Freshmen	83	
Sophomores	65	
Juniors	50	
Seniors	50	
Graduate Students		108
Special Students		26
Extension Students		115
Summer School Students (1941)		157
Total		654
Less duplications		44
Net Total		610

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Women's College 22, 52

INQUIRY BLANK

Correspondence should be addressed as follows:

Regarding admission to the college or to the summer term, to the Dean of the College.

Regarding admission to the graduate school, to the chairman of the department in which the applicant is interested.

Regarding admission as a special student or as a candidate for the degree of Bachelor of Education, to the Recorder.

Applications should be filed as early as possible. *Unduly late applications may fail to receive consideration.*

Applications for admission in September should, so far as is possible, be filed before March 1.

CLARK UNIVERSITY

REQUEST FOR "APPLICATION FOR ADMISSION" BLANKS

Name..

(Last name) (First name) (Middle name)

Mail address ....

....

....

I am interested in admission to (please check below):

The men's college ....

The women's college ....

The graduate school ....

I am particularly interested in the department or division of:

....

I plan to enter (date) ....

Date of this application ....

CLARK UNIVERSITY

Commencement Week

PROGRAM

1942

SUNDAY MAY SEVENTEEN

Organ Recital 4:30 P M
Clifford Fowler Green
Atwood Hall

WEDNESDAY MAY TWENTY

Senior Dinner Dance 9-2
Empire Room at Putnam and Thurston's

FRIDAY MAY TWENTY-TWO

Alumni Council 4 P M
Lounge Room Alumni Gymnasium

SATURDAY MAY TWENTY-THREE

Alumni Business Meeting 11 A M
Lounge Room Alumni Gymnasium

Class Day Exercises 11:30 A M
Atwood Hall

Alumni Luncheon 1 P M
Alumni Gymnasium

Class Reunions 6:30 P M

SUNDAY MAY TWENTY-FOUR

Baccalaureate Sermon	11 A M
Dr. William Lyon Phelps Atwood Hall	
Commencement Exercises	4 P M
Address by Admiral Harry Ervin Yarnell Atwood Hall	

The organ recital on Sunday, May seventeen, is to christen the Hammond Organ which has been presented by Mrs. Wallace W. Atwood and installed in the auditorium. All members of the senior class, candidates for higher degrees, their Commencement guests, members of the University, and alumni are cordially invited.

Admission to Baccalaureate and the Commencement Exercises is by ticket only. Tickets may be obtained from the General Office. Alumni should make their reservations through the Alumni Office.

Special reunions will be held by the Classes of 1907 1912 1917 1922 1927 1932 1937 1939 and 1941. Early reservations for the Commencement events should be made through the Alumni Office, otherwise tickets cannot be guaranteed. Tickets for the Alumni Luncheon are $1.25. For the Senior Dinner Dance, $5.50 a couple (including tax).

CLARK UNIVERSITY

The Fifty-second Annual Commencement

MAY 24 1942

WORCESTER MASSACHUSETTS

Order of Exercises

Processional: Trumpet Voluntary *Henry Purcell*

Invocation WILLIAM LYON PHELPS PHD LITTD LLD
Lampson Professor of English Literature Emeritus
Yale University

Commencement Address
VICE ADMIRAL HARRY ERVIN YARNELL DENG LLD
United States Navy, Retired

The National Anthem

(The audience is asked to sing the first and third stanzas, the third being herewith printed)

3. Oh, thus be it ever when freemen shall stand
Between their loved homes and war's desolation!
Blest with victory and peace, may the heaven rescued land
Praise the Power that hath made and preserved us a Nation!
Then conquer we must, when our cause it is just,
And this be our motto, "In God is our trust!"
And the Star Spangled Banner in triumph shall wave
O'er the land of the free and the home of the brave!

Statement by the President

Announcement The Edmund C Sanford Scholarship
The Prentiss Hoyt Prize in Poetry

Conferring of Degrees

Benediction

Recessional: Maestoso from Third Organ Sonata
Felix Mendelssohn-Bartholdy

The audience will kindly remain
standing during the recessional

Candidate for the Degree of Bachelor of Education

Nathan Jacob Rothshtan

Candidates for the Degree of Bachelor of Arts

Myron Morton Albert
Richard Dehran Aljian
Hugo Domenic Angelini
John Ernest Barriere
Jack Bresnick
Gordon Hamer Brooks
John Proctor Burbank
Orrin Hartshorn Cross
Richard Atlee Edson
Sidney Sumner Feuerstein
Henry Frieswyk
Edward Paul Ginsburg
Robert Abraham Greenblatt
Raymond Bertil Hill
Donald Gerard Jones
John Paul Karpoe
Edward Mark Kelman
Sumner Herbert Levin
Martin Henry Little
Frank Eugene Marsh Jr
Robert Templeman Marsh
Donald Martin Miller
James Patrick O'Connor
Kenneth Martin Rebstad
Donald Mitchell Roberts
Russell Godfrey Sandberg
Robert Eugene Sawicki
Adolphe Joseph Schoepflin
Robert Howe Scotland
John Jacob Singer Jr
William Russell Stanhope
Matthew Stepanski
Donald Irving Tufts
Leslie Warren Valentine
Mervin Jay Weinberg
Ralph Avedis Yagjian

Candidates for the Degree of Bachelor of Arts with Honors

Raymond Harold Ellison with Honor in General Course
Paul Aaron Hyman Guss with Honor in General Course and with Honors in German
Wallace Dorman Kilpatrick with Honor in General Course and with Honors in Physics
Benjamin Margolis with Honors in History and International Relations
Stanley Raymond Maslowski with Honor in General Course
Bernard Norman Mintz with Honors in Economics and Sociology
Philip Edward Morin with Honors in Economics and Sociology

Candidates for the Degree of Bachelor of Arts With High Honor

David Hamilton Horne with High Honor in General Course and with Honors in English
Donald William Kuhn with High Honor in General Course and with Honors in Chemistry

Since the last annual commencement the degree of Bachelor of Arts has been conferred upon the following candidates as of June 8 1941

Carl Louis Catani
Max Feldman
Edward Thomas Killelea
Arthur Bernard Laughlin
Anders Godfrey Lund Jr
Clayton Reginald Lund
Bernard Stone
George Albert Winchester

THIS OUR HERITAGE

There was an age for dancing in the Spring,
When from a glen on a misty slope
The dryads to the worshipers would sing
Of Dionysus born again, and hope
Of happiness in harvest years;
The early riser washing at the fountain
Rouses from his dreaming, hears
And goes his round with music from the mountain.
There was a time when Helios from the sea
Each dawn in chariot would ride,
And on a hill in gold and ivory
A goddess watched the countryside;
But these a dream o'er-reached, and a goddess died.

Once in a fabled kingdom fell a beam
Reflected from kind Hesper's
Shining face, and such a mystic gleam
That straightway paused, and from their evening vespers
Stole to gaze, the warriors
Of Camelot; transfigured by the sight,
Brave Lancelot and Galahad and Bors,
They forthwith gave their lives for a ray of light.
There was a time when love of maid and king
And all the world of men but spurred men on
To seek a dove that hovered on the wing.
But those on whom its glory shone
Are dreaming now in misty Avalon.

Logris with the Argive city sleeps;
No longer do we hear a call to beauty,
But Charon in a land down under keeps
Stern vigil, and the trumpet call to duty
Summons men who neither seek a grail
Nor fight for aught but self; so might have mused
Pallas from her hilltop—what avail
A freedom unless freedom's fitly used?
And why fight on if when the fighting's done
It comes to this? Yet do I hear a sage
From glass perspective answer: what is won
Is not what's lost; from increments of age
Is built an island—this our heritage:
Only what men strive to be and fail
Is lasting, this the statue, this the grail.

Candidates for the Degree of Master of Arts

Chemistry

Paul Fram
Roscoe Sawtelle Smith

Economics and Sociology

Rowena Marilyn Buzzell
Robert Henry Eaton
Herman Kleine
Kathryn Jane McNamara
Helen Barbara Pospisil
Lee Seitzer

Geography

Carl Gustaf Berg
James Albert Brammell
Celeste Budd
Rita Louise Kelly
Huey Louis Kostanick
Wensel William Moberg
Mary Elizabeth Quirk
Noreen Frances Schneider
Mary Frances Williamson

History and International Relations

Gilbert Vincent DeMar
Doris Victoria Hansen
Lena London
Herbert Reiner Jr

International Affairs

Hudson Taylor Armerding
Myron Adelbert Baskin
Richard Price Deitzler
George Francis Elliot
Raymond David Kallstrom

Psychology

Gerald Saul Blum

Candidates for the Degree of Master of Arts in Education

Robert Irwin Edwards
Eleanor Martha Garvey
William C Haddad
Francis Raymond Hickey
Francis Daniel McHugh
William Joseph O'Connell
John James Solon

Candidates for the Degree of Doctor of Philosophy

Chemistry

Bernard Albert Fiekers
Edwin Thomas Mitchell

Economics and Sociology

Paul Michael Gregory
Theodore Francis Marburg

Geography

Burton Wilbur Adkinson
William Biggar Brierly
Van Harvey English
John Warren Nystrom

History and International Relations

Russell Hunt Fifield
John Norman

Psychology

Jorma Iltanen Niven
Harry Jay Older
Seymour Bernard Sarason
Dorothy Tilden Spoerl

Honorary Degree

Hiram Newton Rasely	Presented by Haven Darling Brackett
Robert Ware Bodfish	Presented by Leroy Allston Ames
Rosabelle Jacobus	Presented by Samuel Jacob Brandenburg
Harry Ervin Yarnell	Presented by George Hubbard Blakeslee
Mable Knowles Gage	Presented by Loring Holmes Dodd

Annual Collegiate Honors

SENIORS

First Honors

Wallace Dorman Kilpatrick

Second Honors

Raymond Harold Ellison
Donald Mitchell Roberts
Donald William Kuhn
Russell Godfrey Sandberg

JUNIORS

Second Honors

Allen Stanley Dunbar
Neal Riemer
Dexter Morgan Easton
Chester Landry Rudman
Malcolm Kent Jones
Irving Edward Sigel
Charles Arthur Morris
Albert William Smith
Lloyd Russell Stevens

SOPHOMORES

First Honors

Marvin Israel Gruss

Second Honors

Carl Yale Malmquist Jr
Edward Elliot Sinclair
John Thomas Miller Jr
Alan Bennett Wade
Harold Hamilton Wade Jr

FRESHMEN

First Honors

Lawrence Fox

Second Honors

Stanley Michael Chaberek
Elihu Herman Fein
John Eaves Jr
John Rudolph Mrosek
Joseph Edward Silverberg

EDMUND C SANFORD SCHOLARSHIP

Hanford Langdon King Jr

PRENTISS HOYT PRIZE IN POETRY

David Hamilton Horne
For the Poem "This Our Heritage"

CLARK UNIVERSITY

Final Assembly of the 1942 Summer Term

August 14, 8:30 P.M.

I Conferring of Degrees — President Atwood

Bachelor of Education

Mildred Louise Beck
Helen Kenney
Louise May Norbery

Master of Arts

Eonomics and Sociology
Frank Edward Ritacco

International Affairs
Arlene Taylor Murray

Geography
Catherine Elizabeth Cox
Samuel Curtis Dashiell
John Granville Jensen
Harold Torstein Jorgenson
Stephen Augustine Tutko

II The Summer Players Present:

AS YOU LIKE IT

by

William Shakespeare

Banished Duke	Francis Baptist
Duke Frederick	Burton Spongberg
Jaques Amiens } attending Banished Duke	Robert Leslie Samuel Singer
Charles, the Wrestler	Earl Dossey
Oliver Orlando } sons of Sir Rowland de Bois	Philip Wheaton Robert Nims
Adam, servant to Oliver	Philip Wheaton
Touchstone, a clown	Sidney Sawyer
Silvius, a shepherd	Charles Klamkin
William, a country fellow	Earl Dossey
Rosalind, Daughter of Banished Duke	Paulina Shawmut
Celia, Daughter of Duke Frederick	Shirley Ebenstein
Audrey, a country wench	Mary Bellefleur
Phebe, a shepherdess	Doris Bellefleur

Lords and Foresters: Ashur Chavoor, Paul Olund, Samuel Singer, Edward Davin

Ladies: Nancy Hokans, Estelle Burwick, Marie Jameson, Ruby O'Coin, Minta Shaw, Beverly Scott

SCENE: Duke Frederick's Court, then to the Forest of Arden

ANNOUNCING THE NEW

WAR SERVICE TRAINING PROGRAM

GRADUATE SCHOOL OF GEOGRAPHY
CLARK UNIVERSITY

EOGRAPHY OF THE WAR ZONES TOPOGRAPHY AND WAR STRATEGY
ILITARY METEOROLOGY CARTOGRAPHY MAP INTERPRETATION
TRATEGIC MINERALS PRODUCTIVE CAPACITY RAW MATERIALS
ONFERENCE PLAN FOR RESEARCH FOOD PRODUCTION
NTERPRETATION OF AERIAL PHOTOGRAPHS COASTAL FEATURES

"The very best kind of education is obtained in doing things one's self under competent direction and with good guidance."

Charles W. Eliot

A CHALLENGE TO THE GEOGRAPHY PROFESSION

The War Service Training Program is being initiated in response to the many requests for geographers to assist in the war effort. The roster of geographers assembled by the National Research Council is being rapidly depleted, and unless a concerted effort is made to train more students in this field the Geography profession will fail to contribute its full measure of strength to the war program.

Graduate departments of Geography throughout the country are temporarily relinquishing key members of their staffs for war work. Many graduate students are being called into government service before they have completed their study programs, while others are being drafted into the Army where their geographic training is proving extremely valuable. Because of these inroads upon the geographic profession, it becomes increasingly difficult to offer adequate geographical training for those who remain in our colleges and universities.

Recognizing the above handicaps, Clark University, with the active cooperation of various geographers now engaged in war service, has arranged a training program designed to give the essential instruction in Geography needed during the war years. Geographers from several university faculties and government agencies will take part in the lecture and laboratory instruction. This assistance is gratefully appreciated and signifies the spirit of cooperation which prevails within the profession.

It is hoped that similar war service training programs will be initiated in several universities in the United States and that departments of Geography will cooperate in providing the instruction needed in these training centers.

Duties of Wartime Geographers

Several months before Pearl Harbor, geographers were called to Washington to assist in the Defense Program then under way. When our country was suddenly thrust into war, the demand for regional specialists, cartographers, and research analysts was tremendously increased, with the result that more and more geographers have moved to Washington and other cities where our government is carrying on war work. More than one hundred geographers are now on duty in the Capitol alone; more will be needed. A still greater number are scattered throughout the country in various branches of civilian and military service related to the war effort.

In addition to many requests for teachers, the geographical profession has been called upon to supply trained men and women for the State Department, Office of the Coordinator of Information, Department of Commerce, Board of Economic Warfare, Military Intelligence Division of the Army, Photo Interpretation Unit of the Air Corps, Air Intelligence Section of the Air Corps, Naval Intelligence, Weather Bureau, and several additional agencies of our government. The nature of these calls indicates the varied services expected of geographers. In order to supply adequately trained men and women for these war service positions, many geographers must continue to devote a portion of their time to instructional work. It is also important for young geographers now employed in teaching or other professional activities to avail themselves of every opportunity to strengthen their geographic knowledge and thus prepare for the time when they may be called into active service in the civilian or military ranks of the war organization. Geographers will be judged by their performance during these years of national emergency, and it is sincerely hoped that they will be found competent.

A RECONNAISSANCE SURVEY

Opportunity for Advanced Undergraduates

The shortage of adequately trained man power in the professional fields serving the war effort makes it necessary to accelerate the normal educational program. A limited number of advanced undergraduates who have demonstrated ability in Geography may enroll in the War Service Training Program and thus prepare for practical service in the geographic branches of the government and intelligence divisions of the military forces. Regular undergraduate credit will be granted for work in the War Service Training Program, thus permitting a student to earn his Bachelor's degree while concentrating on his advanced geographical studies.

Lecture Program

Lecture courses have been reduced to a minimum in order to provide adequate time for field, laboratory, and research training. During the Summer term, when the accelerated program is in full operation, two lecture courses will be offered, each meeting five times a week. In the Fall and Spring semesters, three lecture courses will be given, each meeting twice a week. Although certain courses appear to be repeated in succeeding semesters, this does not necessarily mean repetition of content material. In the case of *Geography of the War Zones*, new areas and new problems will be treated each term or semester. The courses in *Strategic Materials, Food Production and Land Use, Meteorology*, and *Relief and Coastal Features,* as well as others included in the schedule, are designed to give training in the fields which are particularly significant to wartime geographers. The flexibility of the program affords ample opportunity for a student to concentrate in fields of his own selection and to develop strength as an independent worker.

Coordination Seminars

A series of seminars will be arranged to supplement the lecture program and to help coordinate the various fields of Geography studied under the conference plan for research. Several seminars will be devoted to the consideration of post-war problems and the opportunities for geographers in planning the peace. The Staff and Visiting Lecturers will guide the seminar programs, and all students will be expected to participate.

WEATHER OBSERVATIONS AT FIELD CAMP

Cartography and Graphics

Instruction in cartography will be continuous through the War Service Training Program. Special emphasis will be given to all phases of the subject, including the use of instruments, relief sketching, and preparation of maps and graphs suitable for publication. A portion of the time will be devoted to the use of color and the preparation of modern pictorial maps, which have proved so useful and effective in magazines and newspapers.

Field Training and Mapping Techniques

The importance of field training cannot be overemphasized. Geographers should avail themselves of every opportunity to acquire skill and self-confidence in this vital phase of geographic procedure. The Fall semester of 1942 will open with a two-week field season during which special instruction will be given in field observation, mapping techniques, and the use and interpretation of topographic maps and aerial photographs. The Graduate School of Geography maintains a fleet of cars and trailers for use in the field course program.

Due to complications arising from the accelerated college schedule, it was found impossible to include a field camp in the Summer of 1942. However, any Summer term student wishing to take part in the Fall camp (September 28 to October 10) may do so by making special arrangements with the Staff. A two-week field season will be included as a regular feature of the 1943 Summer term.

Weather Observations

A Weather Station is situated on the University campus where students, under adequate supervision, may become familiar with the reading and care of meteorological instruments and the keeping of weather records. When the field program is in operation, a portable weather station is set up near camp, and each student has an opportunity to make daily weather observations and test his ability at forecasting.

Language Training

All students registered in the War Service Training Program may register for courses in the language department of the University. French, German, and Spanish are offered each term. It is recommended that students take advantage of this opportunity to acquire proficiency in one or more modern foreign languages. Many of the war service positions call for a knowledge of languages, and every geographer should be equipped with these essential tools for research.

CLARK UNIVERSITY

WORCESTER, MASS.

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Permit No. 1556

CLARK
IN WARTIME

CLARK UNIVERSITY IN WARTIME

As a result of the extraordinary times in which we live, institutions of higher education have united to reconsider their purposes and methods and to adjust them in order that students may have the best possible chance of completing the requirements for a degree before responding to the call of their country. In conformity with this trend, Clark has adopted a new, accelerated, "all-out" program, directing its resources of time and talent toward meeting the needs of students on the campus, aiding in community morale, and, insofar as may be possible, continuing the traditional extension of the frontiers of knowledge in varied fields.

The service of the university is broad in its scope and immediate in its application to the issues of the day, retaining the while a gratifying stability in difficult times. This bulletin is submitted to alumni, friends, and prospective students of Clark as a record of the manifold activities now under way. It is hoped that the reader may find in these pages opportunities for increasing his own efficiency, alertness, and productivity through utilization of the superior facilities of a small, friendly university.

* * *

A Forty-eight Week Year

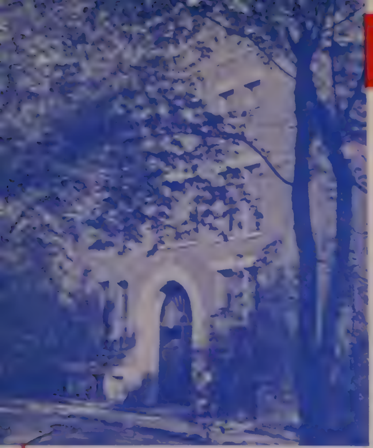
The accelerated plan at Clark provides for a Summer Term from May 25 to August 14, divided into two sessions of six weeks each. Every major department in the University is represented, with special emphasis on those subjects most urgent in the present emergency. Sixty-two courses are announced by twenty-four members of the regular faculty in the Department of Chemistry, Economics, English, Geography, Geology, International Relations, Mathematics, and Physics.

New students who would otherwise enter in September may, with the consent of high school principals, begin their college work late in May. Present Sophomores and Juniors may plan to graduate earlier through intensive study under the provisions of the accelerated program. Seniors will be graduated in January 1943.

IT IS NOW POSSIBLE TO SECURE A DEGREE IN TWO YEARS AND EIGHT MONTHS AT CLARK. No loss of efficiency or curtailment of standards is involved; on the contrary, there is increased effectiveness in this program since the exactions of the emergency demand absolute preservation of high standards.

CLARK UNIVERSITY

IN WARTIME



Entrance to Jonas G. Clark Hall

Morale Program

The CLARK WAR INFORMATION AND TRAINING CENTER is now established by authorization of the Federal Security Administration, U. S. Office of Education. A faculty committee is at work specifically charged with directing a civilian morale program for one million people in this area. Visual exhibitions and a speakers' bureau will be in operation soon; a course of public lectures and a Bureau of Information are already operating. Radio programs are conducted over Station WORC on Sundays at 5:45 and on Thursdays at 10:15 P.M., presenting topics of great interest to the listeners of Worcester County. Books, periodicals, pamphlets, maps and other aids are available to the public in a special room of the University library.

This Key Center will extend a broader understanding of the fundamentals of Democracy and illustrate the principles of the world struggle to an area already busily engaged in providing fighting materials for the armed services. Sound morale at home is essential to the effective carrying on of the war at the front.

WHAT CLARK OFFERS - -

A high-grade *Liberal Arts Course* for men and women leading to the degree of *Bachelor of Arts.* The minimum time required is two years and seven months, but students may pursue the regular four year course if desired.

A specially designed course leading to the degree of *Bachelor of Business Administration.*

Courses leading to the degrees of *Bachelor of Education* and *Master of Education.*

Graduate study leading to the degrees of *Master of Arts* and *Doctor of Philosophy* in Biology, Chemistry, Economics and Sociology, Geography, International Relations, and in Psychology.

Pre-military induction training leading to preferment of rating after two years of liberal arts courses.

A *Summer Term* of two continuous six-week periods, May 25 to July 3, and July 6 to August 14.

Scholarships are available to men and women, together with fellowships for advanced study and loan funds. Tuition at Clark is $240 for the Fall and Winter terms and $96 for the Summer term. There are dormitory accommodations for men in Estabrook Hall and for men and women in the Graduate House. The new Alumni Gymnasium and Atwood Hall augment the physical plant to allow for a full campus life. A Fine Arts Course, moving picture programs, concert series, and lectures give variety and entertainment; other than these attractions, sponsored by the University, the usual student activities and social events enliven the year with plays, concerts, teas, dances, and a complete athletic program. An illustrated booklet and the University catalogue are available on request to the Dean, Clark University, Worcester, Massachusetts.

WOMEN'S COLLEGE

CLARK NOW OFFERS ITS FACILITIES TO A LIMITED NUMBER OF WOMEN STUDENTS

In September the Women's College will open. Remodeling of the present Main Building is under way to provide additional space and equipment for this new feature of Clark's significant expansion of services. A special bulletin of the Women's College is available on request.

Wartime Offerings

NEW WARTIME COURSES are now a part of the curriculum. Twelve courses in the following subjects are now offered: Meteorology, Military Geography, Navigation, Industrial and Military Morale, Mathematics, Recreational Leadership.

THE FACULTY and staff are engaged in many activities off the campus. As lecturers, research scholars in emergency fields, Red Cross First Aid teachers, and in many other ways, Clark men are contributing their services; they are active at a distance, and aiding in the preservation of morale in the immediate community. Members of the faculty are employed on Government commissions to assist in special projects as follows:

An economist with the British Raw Materials Mission in Washington

A physicist continuing his work in the field of ballistics for the United States Army.

Several physiologists engaged in research in aviation medicine in Washington and at Clark

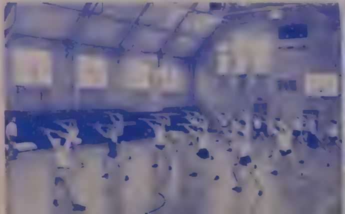
A psychologist at Maxwell Field laboratory studying personality and temperament factors relative to military aviation

A chemist carrying on research in the field of explosives

Many of our staff are regular lecturers at Camps Devens and Edwards, Forts Warren, Banks and Strong.

GRADUATES of Clark, and those undergraduates who have left during the present year to enlist, are now distributed from Iceland to Australia in virtually every division of the armed services. By reason of their excellent preparatory training many have risen quickly in ranks requiring special skills.

Keeping Physically Fit



Geography Work Room

Navy V-1

The United States Navy Department, by establishing a program for colleges called V-1 leading to service as aviation cadets or reserve midshipmen, has made it possible for many students to enter college as freshmen with the expectation of completing their course. Clark University is named by the Navy Department as one of the institutions accredited for enrollment of students under this new program. Thus physically qualified freshmen and sophomores enlist in the Naval Reserve as apprentice seamen and follow a prescribed course of study which does not interfere with the basic program in liberal arts or business administration. Students taking this approved course and passing the Navy's qualifying examination late in the sophomore year are permitted to continue undergraduate work under inactive V-5 (aviation cadet) or V-7 (reserve midshipman) status. This new course, leading to a commission in the Naval Reserve, may be completed, together with all the requirements for the bachelor's degree, in three years or less.

University Calendar

May 9	Sub-Freshman Day
May 23	Alumni Day
May 24	52nd Annual Commencement Baccalaureate, 11 A.M. Commencement, 4 P.M.
May 25	Beginning of Summer Term, 1st Session
July 3	End of First Session, Summer Term
July 6	Beginning of Summer Term, 2nd Session
Aug. 14	End of Summer Term
Sept. 21	Beginning of Fall Semester
Dec. 19	Beginning of Christmas Recess
Jan. 4	End of Christmas Recess
Jan. 23	End of Fall Semester
Jan. 25	Beginning of Spring Semester

THE GEOGRAPHY WORKROOM

Special Facilities for Geographic Study

The Graduate School of Geography has excellent and unusual facilities for conduct of the War Service Training Program. The main floor of the Geography Building is a Workroom, divided into private alcoves in which individual office desks are provided for all students. Here is located one of the finest map and relief-model collections in America. Over 10,000 foreign and domestic maps are available to students at all times.

In addition to the Workroom there is a modern Cartography Laboratory, with fluorescent lighting, drafting, map-mounting, and tracing tables, and special drawing equipment. A room has been set aside for photogrammetry, and a dark-room is available for photographic work. The Libbey Memorial Library, a student lounge, lecture and seminar rooms are also located in the Geography Building. Adjoining this building is the main University Library, which contains a large collection of Geography books and periodicals.

GENERAL INFORMATION

Admission

Admission will be based on scholarship, experience, personal qualifications, and nature of war service anticipated. Graduates of colleges of recognized standing are eligible for admission as regular graduate students in Geography. Advanced undergraduates with adequate training in Geography, and others who qualify through experience or training, are eligible for admission as special students.

Due to the limited number of persons who can be accepted in the War Service Training Program, applications should be submitted as soon as possible. Because of the late date of this announcement, all persons applying for admission to the Summer term are requested to send in their application blanks promptly, even if they are incomplete in certain respects. All applications for the Summer term will be acted upon as soon as received, and applicants will be notified immediately of the committee's action.

War Service Training Certificate

Upon the satisfactory completion of the War Service Training Program offered in the Summer term or any semester of the regular year, a War Service Training Certificate will be awarded. Students pursuing work toward advanced degrees may, if they so desire, receive the same Certificate providing they have satisfactorily completed the prescribed training.

Degrees in Geography

Although the War Service Training Program is intended primarily to train geographers for immediate and practical war service, it is possible for a student to obtain training in all fields required for the Master's or Doctor's degrees in Geography.

Registration

All correspondence concerning the new plan for War Service Training should be addressed to the Director of the War Service Training Program, Graduate School of Geography, Clark University.

Since there are no conflicts in the courses scheduled, there will be no difficulties in registration. This formality will take place on Monday, June 22, in the Geography Building. Classes will begin the following morning.

Tuition and Fees

Students taking the special War Service Training Program, scheduled for June 22 to September 12, pay a fee of $96.00 for the twelve-week session. The tuition for the Fall and Spring semesters is $120.00 for each sixteen-week session. Students who have not previously been enrolled at Clark University are required to pay a matriculation fee of $5.00.

Tuition may be paid at any time before 5:00 P.M., Thursday, June 25. Checks should be made payable to Clark University.

Whenever the field course is offered, a special fee of $50.00 will be charged to cover the cost of that expedition. This fee is payable to the Director of the Field Camp at the opening of the camp program.

All students in the War Service Training Program of the Graduate School of Geography pay special departmental fees amounting to $6.00 for the Summer term of twelve weeks, and $10.00 for each semester of the regular year. These fees are used for the purchase and replacement of equipment needed by the student group and for various services, including the mimeographing of classroom and seminar reports.

Credit

Students taking the War Service Training Program in the twelve-week Summer term will receive ~~six~~ 12 semester hours of credit. This credit may be applied toward a degree from Clark University or may, if proper arrangements are made in advance, be transferred to other institutions. Graduate students working for the Master's degree during Summer terms may complete two-fifths of their residence requirements by attending the Summer term of the War Service Training Program.

The Fall and Spring semesters of the regular year will each carry the usual ~~nine~~ 15 semester hours of credit. Residence requirements for the Master's and Doctor's degrees may be fulfilled by attending two of the sixteen-week semesters, one of which must include the field course.

Scholarships and Fellowships

Scholarships and Fellowships already granted for 1942-43 will remain unchanged. A few Tuition Fellowships are still available for qualified students applying for the Fall and Spring semesters. No such assistance is anticipated for the Summer terms.

Living Accommodations

During the Summer term men may room in Estabrook Hall for $3.00 to $3.50 per week. Women may be accommodated in Graduate Hall, if reservations are received sufficiently early. Rooms are also available in private homes at prices ranging from $3.00 to $5.00 per week.

Meals at moderate rates will be served at the University Commons in Estabrook Hall, if there is sufficient demand.

SUMMER TERM, 1942
(June 22—September 12)

Lecture Program

500	Geography of the War Zones (12 weeks)	Jones, Van Valkenburg, and Visiting Lecturers*
S 501	Special Studies in Geography:	
	Meteorology (4 weeks)	Van Valkenburg and Brooks
	Strategic Materials (4 weeks)	Jones and Visiting Lecturer
	Relief and Coastal Features (4 weeks)	Atwood and Atwood Jr.

Laboratory Program

S 502	Cartography and Graphics	Atwood Jr., Burnham, Harrison, and Robinson
S 503	Map Reading and Use of Map Collections	Atwood Jr., Van Valkenburg, and Wilson
VS 504	Interpretation of Aerial Photographs	Atwood Jr. and Visiting Lecturer
S 506	Operation of Weather Station	Van Valkenburg and Brooks

Research and Seminar Program

VS 505	Research Conferences	Staff and Visiting Lecturers
VS 507	Coordination Seminars	Staff and Visiting Lecturers

Relationship of the War Service Training Program to the Regular Summer Term

The War Service Training Program starts two weeks ahead of the second session of the regular Summer term and continues for twelve weeks. During the six weeks when both programs are in operation, several of the courses will be combined. The previously announced offerings in the Summer term remain essentially unchanged. Students may enroll in either program, but those who wish to qualify for war service work should select the twelve-week session beginning June 22.

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*The complete list of Visiting Lecturers for this and other courses could not be assembled in time for inclusion in this announcement.

FALL SEMESTER, 1942-43*

(September 21—January 23)

Lecture Program

Geography of the War Zones (Part I)	Jones and Visiting Lecturer
Meteorology	Van Valkenburg and Visiting Lecturer
Food Production and Land Use	Ekblaw and Visiting Lecturer

Laboratory Program

Cartography and Graphics	Atwood Jr., Burnham, and Visiting Lecturers
Map Reading and Use of Map Collections	Atwood Jr. and Visiting Lecturer
Interpretation of Aerial Photographs	Atwood Jr. and Visiting Lecturer
Operation of Weather Station	Van Valkenburg

Field Program

Field Studies (Sept. 28-Oct. 10)	Staff

Research and Seminar Program

Research Conferences	Staff and Visiting Lecturers
Coordination Seminars	Staff and Visiting Lecturers

SPRING SEMESTER, 1943*

(January 25—May 16)

Lecture Program

Geography of the War Zones (Part II)	Van Valkenburg and Visiting Lecturer
Productive Capacity and Raw Materials	Jones and Visiting Lecturer
Topography and War Strategy	Atwood and Atwood Jr.

Laboratory Program

Cartography and Graphics	Atwood Jr., Burnham, and Visiting Lecturers
Map Reading and Use of Map Collections	Atwood Jr. and Visiting Lecturer
Interpretation of Aerial Photographs	Atwood Jr. and Visiting Lecturer
Operation of Weather Station	Van Valkenburg

Research and Seminar Program

Research Conferences	Staff and Visiting Lecturers
Coordination Seminars	Staff and Visiting Lecturers

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*Additional courses in the Graduate School of Geography are announced in the regular University Catalogue which may be obtained upon request.

CLARK UNIVERSITY
Worcester, Massachusetts

WAR SERVICE TRAINING PROGRAM

APPLICATION FOR ADMISSION

Name (Please print)

....
(First) (Middle) (Last)

Permanent Address (Please print)

....
(Street and number) (City) (State)

Temporary Address, if different

....
(Street and number) (City) (State)

Birthplace: City .... State or Country ....

Date of birth .... Married .... Single ....

Nationality .... Are you an American Citizen? ....

Name of Father, Guardian, or Nearest Living Relative

.... Relationship ....

Address

....
(Street and number) (City) (State)

High Schools, Colleges and Universities attended

1. ....
(Name of institution) (Dates attended) (Degree received)

2. ....

3. ....

Names and Addresses of three references (the applicant should request letters from these persons)

1. ....
(Name) (Address)

2. ....

3. ....

Do you wish to be a candidate for the:

☐ War Service Training Certificate ☐ Master of Arts Degree

☐ Bachelor of Arts Degree ☐ Doctor of Philosophy Degree

What is your present employment? ....

What type of War Service work do you wish to enter? ....

....

Are you applying for admission to: ☐ Summer Term ☐ Fall Semester, or ☐ Spring Semester?

The following credentials should accompany this application:

1. Official transcript of academic record
2. Recent photograph, preferably passport size
3. Any additional material, which might be useful to the Admissions Committee

Date of application ....

INSTRUCTIONAL STAFF
WAR SERVICE TRAINING PROGRAM

Graduate School of Geography

WALLACE W. ATWOOD, PH.D., President; Professor of Physical and Regional Geography; Director of the Graduate School of Geography

CLARENCE F. JONES, PH.D., Professor of Economic Geography

W. ELMER EKBLAW, PH.D., Professor of Geography

SAMUEL VAN VALKENBURG, PH.D., Professor of Climatology and Regional Geography

WALLACE W. ATWOOD, JR., PH.D., Associate Professor of Physiography and Regional Geography; Director of the War Service Training Program

GUY H. BURNHAM, M.A., Cartographer

Visiting Lecturers*

S. WHITTEMORE BOGGS, Geographer, State Department, Washington, D. C.

CHARLES F. BROOKS, PH.D., Director, Blue Hill Observatory; Professor of Meteorology, Harvard University

MAJOR JOHN W. COULTER, PH.D., Far Eastern Branch, Military Intelligence Service, U. S. Army, Washington, D. C.

GEORGE B. CRESSEY, PH.D., Chairman, Department of Geology and Geography, Syracuse University

OTTO GUTHE, PH.D., Office of the Geographer, State Department, Washington, D. C.

RICHARD EDES HARRISON, Cartographic Consultant, *Life* and *Fortune* Magazines, New York City

RICHARD HARTSHORNE, PH.D., Chief, Geographic Division, Coordinator of Information, Washington, D. C.

PRESTON E. JAMES, PH.D., Chief, Latin America Section, Coordinator of Information, Washington, D. C.

MAJOR WALTER G. LEZIUS, Geographic Section, Military Intelligence Service, U. S. Army, Washington, D. C.

SHANNON MCCUNE, PH.D., Economic Geographer, Board of Economic Warfare, Washington, D. C.

LT. COL. SIDMAN P. POOLE, PH.D., Chief, Geographic Section, Military Intelligence Service, U. S. Army, Washington, D. C.

ERWIN RAISZ, PH.D., Cartographer, Institute of Geographical Exploration, Harvard University

ARTHUR ROBINSON, M.A., Chief, Cartographic Section, Geographic Division, Coordinator of Information, Washington, D. C.

EARL B. SHAW, PH.D., Professor of Geography, State Teachers College, Worcester, Mass.

LEONARD S. WILSON, PH.D., Chief, Map Information Section, Geographic Division, Coordinator of Information, Washington, D. C.

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*Additional Visiting Lecturers will be announced as arrangements are completed.

CLARK UNIVERSITY BULLETIN

Six-Week Session—May 25–July 3

Six-Week Session—July 6–August 14

SUMMER TERM NUMBER

JANUARY, 1942

Calendar

First Session

May	25	Monday, 9 A.M. to 12 M. Registration.
May	26	7:50 A.M. Regular classroom work begins.
July	2-3	Final examinations.

Second Session

July	6	Monday, 9 A.M. to 12 M. Registration. 8-10 P.M. President's reception to faculty and students.
July	7	7:50 A.M. Regular classroom work begins.
July	14	8:30 P.M. Lecture. "Analysis of the Progress of the War." Mr. Van Valkenburg.
July	21	8:30 P.M. Lecture. "Whither Mankind—Superman or Fossil?" Illustrated. Mr. Nunnemacher.
July	28	8:30 P.M. Lecture. "Latin America and the War." Mr. Clarence F. Jones.
July	30	4:00 P.M Summer Term Picnic.
August	4	8:30 P.M. The Enjoyment of Poetry. Verse Reading Choir. Verse Plays. Mr. Illingworth.
August	11	8:30 P.M. Organ Recital.
August	13-14	Final examinations.
August	14	8:30 P.M. Final assembly. Conferring of degrees. Presentation of play under direction of Mr. Illingworth.

All meetings will be held, unless otherwise announced, in Atwood Hall, Clark Auditorium.

During the summer session there will be dramatic productions presented by members of the class in stagecraft.

Trips

Dates to be announced.

Historical and literary trip to Lexington and Concord.

A trip to the North Shore, Franklin Park Zoölogical Gardens, Arnold Aboretum, the Aquarium, and the Natural History Museum at Harvard University containing the famous glass flowers.

A trip to Babson Institute, Wellesley Hills, to see the large relief map of the United States.

The Bulletin is published in January, March, September, October and December.
Entered as second-class matter, December 29, 1920, at the Post Office at Worcester, Mass., under the Act of August 24, 1912. Acceptance for mailing at special rate of postage povided for in Section 1103, Act of October 3, 1917, authorized January 24, 1921.

CLARK UNIVERSITY BULLETIN

NUMBER 157 JANUARY 1942

Six-Week Session—May 25–July 3
Six-Week Session—July 6–August 14

WORCESTER MASSACHUSETTS

TO CLARK UNIVERSITY:

I wish to enroll as a student in the Summer Term for 1942 and enclose the registration fee of two dollars.

Name ....

Address ....

Date ....

Occupation during the past academic year........................

....

....

Graduate of what college, normal school, or other educational institution, with date of graduation?

....

....

....

TENTATIVE LIST OF SUMMER TERM COURSES WHICH APPLICANT DESIRES TO ENTER

....

....

....

(Describe by Subject and Number, i.e., Geography 190)

Have you been accepted as a candidate for a degree?

At what institution? .... What degree?......

Have you ever attended the Clark University Summer Term?......

If so, what was year of last attendance? ....

I shall attend the May 25 to July 3 session........................

I shall attend the July 6 to August 14 session ....

THE SUMMER TERM

OFFICERS OF INSTRUCTION AND ADMINISTRATION

WALLACE W. ATWOOD, PH.D.
President of Clark University and Director of the Graduate School of Geography.
HOMER P. LITTLE, PH.D.
Dean of the College and Professor of Geology.
*WALLACE W. ATWOOD, JR., PH.D.
Associate Professor of Physiography and Regional Geography.
HENRY M. BOSSHARD, PH.D.
Associate Professor of German.
SAMUEL J. BRANDENBURG, PH.D.
Professor of Economics and Sociology.
*ROBERT H. BROWN, PH.D.
Assistant Professor of Experimental Psychology.
*JESSE L. BULLOCK, PH.D.
Professor of Chemistry.
†GUY H. BURNHAM, A.M.
Cartographer.
PHILIP H. CHURCHMAN, PH.D.
Professor of Romance Languages.
DAVID M. DOUGHERTY, PH.D.
Associate Professor of Romance Languages.
†ROY C. GUNTER, A.M.
Instructor in Physics.
ROBERT S. ILLINGWORTH, A.M., ED.M.
Professor of Dramatic Art.
CLARENCE F. JONES, PH.D.
Professor of Economic Geography.
†VERNON JONES, PH.D.
Professor of Educational Psychology.
*H. DONALDSON JORDAN, PH.D.
Professor of English History.
†DWIGHT E. LEE, PH.D.
Professor of Modern European History.
GUY A. LEE, PH.D. Livermore
Assistant Professor of American History.
ARTHUR F. LUCAS, PH.D.
Professor of Economics and Sociology.
PAUL F. MARBLE, A.M.
Instructor in English.
†BENJAMIN S. MERIGOLD, PH.D.
Professor of Chemistry and Director of the Chemical Laboratories.
RUDOLPH F. NUNNEMACHER, PH.D.
Assistant Professor of Biology.
DAVID POTTER, PH.D.
Professor of Biology.
*PERCY M. ROOPE, PH.D.
Associate Professor of Physics.
SAMUEL VAN VALKENBURG, PH.D.
Professor of Climatology and Regional Geography.
EDITH M. BAKER
Acting Librarian.
FLORENCE CHANDLER
Bursar
LYDIA P. COLBY
Recorder

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*First session only.
†Second session only.

THE SUMMER TERM AT CLARK UNIVERSITY

The United States is at war. One result of our national emergency has been the attempt of institutions of higher education to speed up their undergraduate program in order that their students may have the best possible chance of completing the requirements for a degree before responding to the call of their country.

In accordance with that need the 1942 summer term will be on a twelve-week basis, from May 25 to August 14. Special courses for teachers and other adult students are provided in the second six-week session, July 6 to August 14.

IT CANNOT BE TOO STRONGLY STATED that the same care as formerly has been taken to meet the needs of teachers attending the second session of the summer term. Lectures, excursions, and dramatic productions will be provided as heretofore. Many of the undergraduate courses have been carefully planned so that they may be entered without handicap at the opening of the second six-week period; thus the available fields of study have been appreciably increased and enriched, including those subjects leading to a better understanding of national and international problems. The university faculty has volunteered, during the war emergency, to instruct without guarantee of remuneration such regularly enrolled graduate and undergraduate students as may wish to attend the summer term. For such coöperation the administration of the summer term feels sincerest appreciation.

The normal program will consist of two courses instead of three as formerly; however, each course will yield three semester hours' credit instead of two as in previous years. The total credit of six weeks' work will therefore be the same as in the past, but with the advantage that each course will earn an even semester's credit rather than two-thirds of a semester's credit. Furthermore, any subject carried for the twelve-week period will yield credit for a full year's work in that field. Each class meeting will total 60 minutes instead of 50 minutes as formerly.

The six-week period, May 25 to July 3, has been provided primarily to enable college students remaining through the entire twelve-week session appreciably to accelerate their progress. All qualified candidates are, however, welcome. Entering freshmen, other than those graduating in February, will, it is recognized, probably find it difficult to attend. Any prospective freshman finding it possible to attend this early session will be permitted to do so provided that he can present certification in seven semesters of preparatory school work and has remained in attendance at preparatory school with a satisfactory record up to the time the session opens. The schedule below indicates that June high school graduates may also advantageously attend the second period only, remembering that 20 courses are required for the bachelor's degree:

Summer Term 1942 (July 6 to August 14)	1 course credit
Year 1942-1943	5 course credits
Summer Term 1943 (12 weeks)	2 course credits
Year 1943-1944	5 course credits
Summer Term 1944 (12 weeks)	2 course credits
Year 1944-1945 (Graduating in May, 1945)	5 course credits
	20 course credits

Some students may be able to graduate on the following schedule provided that they can make arrangements to attend the entire 1942 summer term:

Summer Term 1942 (May 25 to August 14)	2 course credits
Year 1942-1943	6 course credits
Summer Term 1943	2 course credits
Year 1943-1944	6 course credits
Summer Term 1944	2 course credits
Year 1944-1945 (Graduation in February, 1945)	2½ course credits
	20½ course credits

Because of the extra half-course gained the final semester, the program may be reduced by a semester course in any preceding term.

By such accelerated programs students can normally graduate in three years and exceptionally in two years and eight months from the time of entrance. Various other schedules requiring intermediate periods of residence can be constructed similar to those given. Since five courses is the normal program for the fall and spring terms, only students of superior ability and good physical stamina should undertake the ultra-accelerated schedule.

Location and Buildings

Clark University is located on Main Street about a mile and a quarter southwest of the City Hall. Trolley cars and buses run directly past the University. Taxicab service is available at moderate price.

The office of the Summer Term is located in Jonas G. Clark Hall, in the general offices of the University. The office of the President of the University and the geography workroom are in the Geography Building, where some classes are held.

All the classroom, library, and laboratory facilities of the University, so far as they pertain to the subjects of instruction offered, are at the disposal of students of the Summer Term.

The Library

The Library of the University was provided with a generous endowment by the founder of the Institution, and affords favorable opportunities for study and research. The Library now owns more than 170,000 bound volumes and pamphlets, and the Reading Room receives more than 600 journals. All the privileges of the Library are open to all members of the University, and each member has direct access to every book and journal.

In addition to the library facilities provided by the University, students may avail themselves of the privileges of other excellent libraries in the city. The Worcester Public Library contains 250,000 volumes. The Library of the American Antiquarian Society, housed in Worcester, the national headquarters of the Society, contains more than 500,000 volumes and pamphlets. These libraries are pleased to serve Clark students.

Admission to the Summer Term

Graduates of colleges, technical schools, normal schools, college students, and teachers in schools of any grade are admitted as a matter of course upon application. Others, including graduates of preparatory schools, are admitted if their scholastic record meets the standards set by the University.

Registration

All correspondence concerning the Summer Term should be addressed to the Dean of the College. Applicants who have not been regularly enrolled during the current year should detach and fill out the form in this BULLETIN and forward it to the Dean with the registration fee of two dollars. The amount of the registration fee will be deducted from the tuition fee when the latter is paid. Checks should be made payable to Clark University.

Registration of students will take place on May 25 and July 6. To this end students should, as far as possible, determine before the opening of the session, through personal conference or correspondence with the Dean or the various instructors, the courses in which they expect to register.

Formal registration will take place between 9:00 A.M. and noon on Monday, May 25 and July 6, in Jonas G. Clark Hall. All instructors will be available for consultation and for signing registration cards between these hours. Class work will begin the following morning.

Credit for Work Done

All of the courses of instruction in the Summer Term are of at least college grade, some are strictly graduate courses, and many are equally suitable for advanced undergraduate or graduate students.

Unless otherwise announced, each six-week course is designed to cover the equivalent of three semester hours of credit, and is so credited when applied toward a degree from Clark University. Two courses constitute a full schedule; a maximum of three courses may sometimes be taken by teachers, but only with the consent of the Dean. With the consent of the instructor, students may attend other classes as auditors.

A certificate, with a statement of courses taken and grades received, will be furnished at the close of the session to all students who desire it. In order to obtain a prompt report, students should leave a stamped and addressed envelope at the Recorder's office during the last week of the session.

Summer Term courses may be applied toward the fulfillment of the requirements for the degree of Bachelor of Arts, Bachelor of Education, Master of Arts, or Master of Arts in Education, *subject to the general regulations of the University.*

Tuition and Fees

Students taking two courses pay a fee of forty-eight dollars for a six-week session and a fee of ninety-six dollars for the twelve-week session. Those who desire to take but one course may do so upon payment of a fee of twenty-four dollars for each six-week session. This fee entitles them to all special privileges of the Summer Term. The same charge is made whether students register as auditors or for credit. Students who take a third course for credit will pay an additional fee of twenty-four dollars for each six-week session. This fee must be paid by the end of the second week of the session in which the course is being taken.

Students registering in the Summer Term who have not previously been enrolled in Clark University are required to pay a matriculation fee of five dollars. This fee is not returnable.

Tuition may be paid at any time before 5 P.M. of Thursday, May 28, for the first session and Thursday, July 9, for the second session. Checks should be made payable to Clark University.

Laboratory fees in biology and chemistry are five dollars for each six-week course. In chemistry a five dollar deposit against breakage is required for each six-week course.

Board and Room

Women not candidates for the Bachelor of Arts degree may be accommodated in Graduate Hall if reservations are received sufficiently early. Candidates for the Bachelor of Arts degree in the Women's College must live either at home or with relatives. Men may room in Estabrook Hall at $3.00 or $3.50 per week. Rooms are also available in private homes at prices ranging from $3.00 to $5.00 per week.

Meals at moderate rates will be served at the University Commons in Estabrook Hall if there is sufficient demand.

The Summer School Association

The Summer School Association was organized by the students at the first session of the School in 1921 to promote its social activities. Every student is urged to participate in the activities of the Association as they develop during the Summer Term.

The Summer Term Roster

The names of students enrolled in the Summer Term, with their home addresses, will be found in the General Catalogue of the following year. Students who desire a list should write to the University after February 1.

THE DEGREE OF BACHELOR OF ARTS FOR MEN

Students who have been admitted to the Undergraduate Department of the University may secure a maximum credit of two full courses toward the Bachelor of Arts degree in a summer term.

The V-1 Program

The United States Navy Department, by establishing a program for colleges, called V-1, leading to service as aviation cadets or reserve midshipmen, has made it possible for many students to enter college as freshmen with the expectation of completing their course. Clark University has been authorized by the Navy Department to enroll students under this new program. According to this arrangement, physically qualified freshmen and sophomores enlist in the Naval Reserve as apprentice seamen and follow a prescribed course of study which does not interfere with the basic program in liberal arts or business administration. Students who take this approved course and who pass the Navy's qualifying examination later in their sophomore year are permitted to continue their undergraduate work at Clark University under inactive V-5 (aviation cadet) or V-7 (reserve midshipman) status. This new course, leading to a commission in the Naval Reserve, may be completed, together with all the requirements for the bachelor's degree, in three years or less by students who take full advantage of Clark's accelerated program.

THE DEGREE OF BACHELOR OF ARTS FOR WOMEN

(The Women's College of Clark University)

By vote of the Board of Trustees the Women's College of Clark University comes into being in the fall of 1942. This vote makes it possible for young women to obtain a liberal arts education in Worcester. Work begun in the summer term of 1942 may be credited toward the bachelor's degree. Requirements for admission and for the degree are the same as those for Clark College, the men's division of the University.

Living Accommodations

There are at present no dormitories for women. The Women's College assumes no responsibility for residence facilities, it being expected that women students will live in their own homes or with relatives.

For further information concerning the Women's College write to the Dean of Clark College.

THE DEGREE OF BACHELOR OF EDUCATION

The degree of Bachelor of Education is offered to teachers, both men and women, who have completed a two-year normal school course or its equivalent, and who have had at least one year of experience in teaching, broadly interpreted. Candidates for this degree are under the direction of the Committee on Extension Courses and Special Students.

The degree is awarded on the satisfactory completion of a program of studies aggregating slightly more than the equivalent of two years of regular college work, in addition to the two-year normal school course. Candidates for the degree may earn the necessary credit in summer term, in extension courses ("Courses of College Grade for

Adults") offered to meet the needs of candidates for this degree, and in regular college courses. A minimum of thirty (30) semester hours must be earned in residence at Clark University. All or part of the balance may be earned elsewhere, *subject to approval in advance by the Committee on Extension Courses and Special Students or its authorized representative.* Courses not conducted under the auspices of a recognized institution of college grade are not accepted for "credit," although such study may be the basis of relief from requirements in particular subjects.

A teacher in active service may normally earn a maximum of four semester hours of credit in each semester of the academic year, six* hours in a six-week summer session, and twelve hours in the twelve-week summer term. This enables a graduate of the two-year normal school course to complete the requirements for the degree in five calendar years, and a graduate of the three-year course in a proportionately shorter time.

The program leading to the degree includes requirements in English, foreign language, laboratory science, social science, and education.

Rules and Regulations

The more important rules affecting candidates for the degree of Bachelor of Education are stated below.

It is impossible to cover explicitly, by rule, all situations which may arise in the absence of a fixed curriculum and with the possibility that credit toward the degree may be obtained from a variety of sources. The committee is guided by the general purpose to maintain a reasonable standard, involving suitable choice of courses and satisfactory performance in them.

1. ADMISSION. Only those who have completed a two-year normal school course or the equivalent may be admitted to candidacy for the degree of Bachelor of Education.

An application for admission to candidacy must be made in writing on a form which may be obtained from the university recorder. An application should be accompanied by evidence of graduation from a standard high school and an *official* record of all study by the applicant in normal school and college.

Applicants are notified in writing of action on their applications. Such notice in the case of those accepted includes a statement of "credit" allowed on records submitted, and of any special requirements.

2. A MATRICULATION FEE of $5 must be paid for the purpose of opening an official record of credit in the office of the university recorder.

3. "CREDIT" FROM OTHER INSTITUTIONS.
   a. Credit of 54 semester hours will normally be given for the completion of a standard two-year course in a normal school or teachers' college. Less than this may be granted at the discretion of the com-

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*Full credit will not be given when a student enters a session after the first week nor when changes of program are made after the first week.

mittee in charge of this work. Additional credit may be allowed for more than two years' work at a normal school or college, and for suitable work in extension courses or in summer schools. The total credit from other institutions cannot exceed 90 semester hours.

b. After admission to candidacy credit may be allowed for courses taken at approved universities, colleges, or normal schools, provided such courses are authorized in advance. In exceptional cases the committee may authorize credit for such courses taken without previous approval, but under no circumstances in excess of 75% of the face value of such courses.

c. Not more than thirty hours of credit may be allowed for home study courses and extension courses taken with outside institutions. Such work is accepted from only a limited number of sources. This thirty-hour limit applies to the combined total of home study and "extension" courses.

4. REQUIREMENTS FOR THE DEGREE.

a. 120 semester hours of college credit, including advanced standing granted at the time of admission to candidacy.

b. At least 30 semester hours of credit earned *in residence* at Clark University. (Included in the total of 120 semester hours).

c. At least one year's teaching experience.

d. Requirements in particular subjects:

(1) Six semester hours in psychology or education, taken after the completion of the two-year normal school course or its equivalent.

(2) Six semester hours of laboratory science, taken after the completion of the two-year normal school course or its equivalent.

(3) Ten semester hours of English, which may be taken in whole or in part in the normal school course.

(4) Twelve semester hours in any *one* foreign language, which may be completed in whole or in part elsewhere than at Clark University. Evidence of the completion of this requirement may be supplied in the following ways: 1. by securing credit in course toward the degree for the twelve semester hours required; 2. by securing credit in course toward the degree for at least the last four semester hours normally required to complete the twelve hour reqirement; 3. by passing satisfactorily an examination set by Clark University.

(5) Twelve semester hours of economics, geography, government, history, or sociology, at least six of which must be taken after the completion of the two-year normal school course or its equivalent.

NOTE:—Prospective candidates are urged to complete formal enrollment in time to complete at least 30 semester hours of credit toward the degree after admission to candidacy, in order that they may benefit by advice as to requirements and wise selection of courses.

5. STANDARD OF SCHOLARSHIP. A grade better than D+ is required in three-fourths of all credit accepted toward the completion of the requirements for the degree.

6. LAPSE OF CANDIDACY. Candidacy for the degree terminates automatically whenever for a period of two years or more a candidate has failed to complete any courses in Clark University yielding credit toward the degree. A candidacy terminated under this rule may be renewed by action of the committee. Such renewal may involve a revision of allowances previously made both in respect to total credit and requirements in particular subjects.

7. DIPLOMA FEE. The diploma fee (five dollars) should be paid to the Bursar not later than the beginning of the semester or summer session in which the requirements for the degree will be completed.

THE DEGREE OF MASTER OF ARTS

A student admitted to full graduate standing may satisfy the minimum residence requirement for the Master of Arts degree by attending five summer sessions of six weeks each, and taking a normal program made up exclusively of graduate courses approved by the department in which the student is seeking the degree.

The residence requirement may also be fulfilled in two full twelve-week terms and one six-week session, or by some other allotment of time providing a minimum of thirty weeks in courses of graduate grade.

A normal program during the Summer Term consists of two regular courses in addition to any departmental seminars.

Persons who wish to become candidates for the master's degree beginning with a summer session, should take up correspondence promptly with Dr. H. Donaldson Jordan, Secretary of the Graduate Board, Clark University. Application blanks with directions for making application for graduate standing will be furnished on request by the Secretary of the Graduate Board. Formal admission to graduate work by the department in which the student seeks the degree should then be secured in advance of the opening of the summer session.

A person who has already entered upon graduate work should arrange his program for the summer session of 1942 by corresponding with the department in which he is a candidate for a degree.

THE DEGREE OF MASTER OF ARTS IN EDUCATION

Residence Requirement. The residence requirement for the degree of Master of Arts in Education is the same as for the Master of Arts degree described above, except that a minimum of 21 semester hours is set for the degree. Extension course credits may not be counted in fulfilling this requirement; however, many regular courses which will count toward the degree are scheduled in late afternoons and on Saturdays in the regular academic year.

Course Requirements. The student working toward the degree of Master of Arts in Education will be expected to elect one of the following groups of studies as the field in which he wishes to teach: (a) mathematics and natural sciences; (b) history and other social sciences; (c) ancient and modern foreign languages; (d) English, alone or in combination with some related subject.

Prior to receiving the degree, the candidate must have completed, in graduate and undergraduate courses combined, not less than five year-courses in one of the above groups, or in a combination of groups approved by the Division of Education. At least one year-course of the five must be taken at Clark University either in the regular academic year or in the summer sessions. In addition to the above requirement in the subject-matter field, 16 semester hours of graduate work in Education will normally be required of the candidate during residence. Also, the student must present a thesis, or special report, in which he demonstrates not only his grasp of the subject-matter which he plans to teach but also a mastery of the educational principles necessary for such teaching. Work in addition to the above requirements, either in a subject-matter field or in Education, or both, may be required if this seems necessary for the adequate preparation of the candidate.

Admission. Students whose first connection with the Graduate School of the University is in the summer session will not be formally considered as candidates for classification as regular graduate students until after a summer in residence. Students with a better-than-average record from their undergraduate college and a record of superior grades at Clark may expect to be accepted as regular graduate students.

DEPARTMENTAL ANNOUNCEMENTS

Courses beginning with (1) are open to all undergraduates but do not yield graduate credit.

Courses beginning with (2) are open to advanced undergraduates and also yield graduate credit.

Courses beginning with (3) are primarily for graduate students.

Courses designated as divisible can be carried for credit in either or both sessions.

BIOLOGY

S.T.11. General Biology. An introduction to the field of biology. The structures and activities of plants and animals, their interrelationships, their development, their value to mankind, and their mode of inheritance are topics which will be discussed. The first six weeks will be devoted to plant biology, the second six weeks to animal biology. Divisible.

Daily, except Saturday, at 7:50; laboratory M. and W. at 2:00.
Messrs. Potter and Nunnemacher

S.T.15. Field Zoology. The first six weeks will be devoted to a general survey of the lower animals, not including the insects which will be studied the second six weeks. Divisible.

Daily, except Saturday, at 10:10; laboratory M. and W. at 2:00.
Messrs. Potter and Nunnemacher

S.T.16a. Histology. A comprehensive course dealing with the cellular structure of animal tissues. Emphasis is placed on the correct use of the microscope, the identification of mammalian tissues, and the preparation of microscopic slides. First session.

Monday, Tuesday, Wednesday, Thursday, at 9:00; laboratory Tu., Th., and F. at 2:00. Mr. Nunnemacher

S.T.17b. Embryology. A study of the development of animals, especially the vertebrates. Particular attention is paid to the reproductive organs, fertilization, cleavage, and organ formation. The chick and the pig are used as a basis for laboratory work. Second session.

Monday, Tuesday, Wednesday, Thursday, at 9:00;
laboratory Tu., Th., and F. at 2:00. Mr. Nunnemacher

S.T.18a. Genetics. A study of the laws of inheritance. First session.

Daily, except Saturday, at 11:20. Mr. Potter

S.T.19b. The Principles of Conservation. Emphasis will be placed upon the conservation of our renewable resources, such as forests, soils, water, wild life, and mankind. The subject matter will be treated in such a way as to make the material adaptable to the teaching of conservation in the grade and high schools. Second session.

Daily, except Saturday, at 11:20. MR. POTTER

CHEMISTRY

Attention of junior chemistry majors is called to the offerings of the physics department.

There is opportunity during the summer to take part of the required second course in physics.

Recommended for this work is the course in electricity and magnetism which may not be given during the fall and spring terms of 1942-1943.

S.T.12a. QUALITATIVE ANALYSIS. Four lectures and eighteen hours of laboratory work per week. Prerequisite, general chemistry or its equivalent. First session.

Monday, Tuesday, Wednesday, Thursday, at 10:10; laboratory to be arranged. MR. BULLOCK

S.T.13a. INTRODUCTION TO PHYSICAL CHEMISTRY. Lectures on some of the fundamental principles governing chemical behavior. Topics will include gas laws, solutions, ionic reactions, and equilibria. Four lectures and eighteen hours of laboratory work per week. Prerequisite to further work in physical chemistry, and required of all chemistry majors. First session.

Monday, Tuesday, Wednesday, Thursday, at 7:50; laboratory to be arranged. MR. BULLOCK

S.T.14b. ELEMENTARY VOLUMETRIC ANALYSIS. Prerequisite, qualitative analysis or equivalent. For premedical students or chemistry majors. Chiefly laboratory work. Three lectures and twenty hours of laboratory work per week. Second session.

Monday, Wednesday, Friday, at 11:20; laboratory to be arranged. MR. MERIGOLD

S.T.111a. SPECIAL ORGANIC CHEMISTRY. Eighteen hours of laboratory work per week. Prerequisite, organic synthesis. First session.

Laboratory to be arranged. MR. BULLOCK

S.T.214b. ADVANCED QUANTITATIVE ANALYSIS. Prerequisite, quantitative analysis or equivalent. Primarily for chemistry majors. Essential for those who expect to go into industry as chemists. Three lectures and twenty hours of laboratory work per week. Second session.

Monday, Wednesday, Friday at 9:00; laboratory to be arranged. MR. MERIGOLD

ECONOMICS AND SOCIOLOGY

S.T.11a. PRINCIPLES OF ECONOMICS. An introduction to the fundamental principles which underlie our economic life. The course consists primarily of a brief survey of the origins of the economic system, a study of the outstanding characteristics of modern capitalism, an analysis of the price system, and a review of the theories of distribution. First session.

Daily, except Saturday, at 10:10. MR. LUCAS

S.T.11b. CURRENT ECONOMIC PROBLEMS. A non-technical survey of the more urgent of our current economic problems. Among the topics discussed are: government finance, price control, monetary policy, government control of industry, labor policy, and social reform. Economics 11a is a desirable preliminary course, but is not required. Second session.

Daily, except Saturday, at 10:10. MR. LUCAS

S.T.14a. ECONOMIC HISTORY OF WESTERN EUROPE. A study of the changes wrought in the national economic life and ambitions of the peoples of Great Britain, France, and Germany by the general adoption of power driven machines during the last two centuries: increased volume of output, new products and market areas, cheap and speedy transportation, growing populations, national economic rivalries, conflicts and revolutions. First session.

Daily, except Saturday, at 9:00. MR. BRANDENBURG

S.T.14b. ECONOMIC HISTORY OF THE UNITED STATES. Emphasis on the period since 1860: changes in agricultural and manufacturing techniques and output; relative importance of these two industries in the life of the nation; development of rail and highway transportation, of domestic and foreign commerce; monetary, tariff, and fiscal policies; industrial combinations and public control; the place of the United States in the economic life of today. Second session.

Daily, except Saturday, at 9:00. MR. BRANDENBURG

S.T.18. BUSINESS ORGANIZATION AND FINANCE. This course will consist of a systematic survey of the structure of modern industry and the financial practices of corporations. Although emphasis is upon the public aspects of finance, some attention will be given to the problems of financial administration and to finance from the standpoint of the investor.

Daily, except Saturday, at 11:20. MR. LUCAS

S.T.22a. ORGANIZED LABOR IN THE UNITED STATES. Historical study of conditions out of which the modern labor movement has grown; labor organizations in America since 1890, the A. F. of L. and the C. I. O.; comparison of structure, ideals, and policies of these two National Federations; collective bargaining; National labor legislation; the new responsibilities of labor organizations. First session.

Daily, except Saturday, at 7:50. MR. BRANDENBURG

S.T.23b. ECONOMICS OF WAR. A descriptive study of public economic policy in relation to war: what economic mobilization for modern war means in terms of labor, resources, civilian and military economic preparation, finance, and private and government enterprise. A study of economic problems to be faced in post war reconstruction will form a final unit of the course. Second session.

Daily, except Saturday, at 7:50. MR. BRANDENBURG

S.T.32. RESEARCH IN SELECTED ECONOMIC AND SOCIAL PROBLEMS. For properly qualified graduate students.

Hours to be arranged. MESSRS. BRANDENBURG AND LUCAS

EDUCATION AND PSYCHOLOGY

Education

S.T.20b. EDUCATIONAL PSYCHOLOGY APPLIED TO CHARACTER AND MORALE DEVELOPMENT. A study of some of the underlying factors in character, attitude, and morale development of children and adolescents in war time. Such educational problems as curriculum, methods, school discipline, and extra-curricular activities as they relate to the above problem will receive attention. Second session.

Daily, except Saturday, at 9. MR. VERNON JONES

S.T.213b. GUIDANCE AND SELECTION METHODS IN EDUCATION AND IN PERSONNEL WORK. A study of testing and rating methods and their application in guidance and personnel work in educational, industrial, and military fields. Second session.

Daily, except Saturday, at 10:10. MR. VERNON JONES

S.T.Hist.201. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. (This course may be credited as work in History of Education if supplemented by special work under the guidance of the instructor.) For description see History and International Relations.

Psychology

S.T.213. EXPERIMENTAL PSYCHOLOGY OF THE SENSORY PROCESSES. An intensive laboratory course involving detailed study of the sensory processes, especially vision. The course will be offered as a double course involving six hours of laboratory work five days a week for students desiring a year's course in experimental psychology. This course does not preclude credit for psychology 212. The course may also be elected as a semester's course by students desiring to take only one of their two summer courses in this subject. These students will be expected to conduct three hours of laboratory work either morning or afternoon five days a week. First session.

Hours to be arranged. MR. BROWN

ENGLISH AND DRAMATICS

S.T.13b. Shakespeare. The following plays will be read: Cymbeline, Hamlet, Macbeth, King Lear, Othello, Romeo and Juliet, Julius Caesar, King John, Richard II, Merchant of Venice, Midsummer Night's Dream, Merry Wives of Windsor, As You Like It. Special study will be given to tragedy and comedy. Second session.
Daily, except Saturday, at 10:10. Mr. Illingworth

S.T.15 A Survey of English Literature. A course in English literature from its beginning to the end of the eighteenth century. Elective for juniors, seniors, and other qualified students. Divisible.
Daily, except Saturday, at 11:20 Mr. Marble

S.T.113a. English Drama. A course ranging from the mysteries and moralities to Barrie, Shaw, and Galsworthy. First session.
Daily, except Saturday, at 10:10. Mr. Illingworth

S.T.122a. Modern Poetry. This course aims to create an understanding of poetry for the purpose of reading as well as writing it. The student is encouraged to form independent critical opinion. Some emphasis will be placed upon oral interpretation. The reading will start with Whitman and give a rapid survey of English and American poetry to the present day. First session.
Daily, except Saturday, at 9:00. Mr. Illingworth

S.T.145b. Stagecraft. The course is designed primarily to give training in dramatic expression. Further, it takes into consideration the allied arts of the theatre, the function of stage settings, the procedure in mounting a play, the evolution of the design through sketches and miniature models, costumes, properties, make-up pantomime, rehearsals, directing, choice of play, and theatre organization and management. The student is familiarized with all the responsibilities of play production. In so far as possible, members of this class will be chosen for the productions of the summer theatre. Second session.
Daily, except Saturday, at 11:20. Mr. Illingworth

S.T.146b. Oral Interpretation of Literature. The purpose of this course is to develop ability to read aloud in a simple, intelligent, and expressive manner. The materials will be drawn chiefly from prose and poetry of assured literary value, with a view of gaining through oral interpretation an added appreciation of literature. Elementary voice training. A study of the best textbooks and readings in poetry, drama, and short story are a part of the course. Second session.
Daily, except Saturday, at 9:00. Mr. Illingworth

GEOGRAPHY

Students whose assignments involve the preparation of maps or who wish to practice map-making will appreciate the opportunity for special help by the cartographer, Mr. G. H. Burnham, in the geography workroom.

S.T.14. ECONOMIC GEOGRAPHY. An analysis of the relation of physical and economic conditions in the various occupations in economic geography; special emphasis on strategic and critical materials in relation to the United States in the war. Divisible. Open to special students and candidates for the A.M. in geography in the second session.

Daily, except Saturday, at 7:50. MR. CLARENCE F. JONES

S.T.16a. POLITICAL GEOGRAPHY. Study of principles with special reference to current events. First session.

Daily, except Saturday, at 9:00. MR. VAN VALKENBURG

S.T.100a. MILITARY GEOGRAPHY. A lecture and laboratory course. Will include interpretation of various types of military maps, nautical charts, and aerial photographs. Basic field manuals of U. S. Army will serve as texts. All students will have opportunity to use stereoscopic instruments in construction of contour maps from aerial photographs. First session.

Daily, except Saturday, at 2:00. MR. ATWOOD, JR.

S.T.181a. GEOGRAPHY OF NORTH AMERICA. A systematic regional treatment of the physical, economic, and cultural geography of North America. First session.

Daily except Saturday, at 10:10 MR. ATWOOD, JR.

S.T.190b. THE EARTH AS A PLANET. A study of the earth and its relation to the other bodies of the universe. Practical problems dealing with such topics as the seasons, altitude of the sun, latitude, longitude, time, tides, and the calendar will be presented in a way that will be helpful to teachers of junior high school geography. Second session.

Daily, except Saturday, at 2:00. MR. BURNHAM

S.T.191b. MAPS, CHARTS, AND GRAPHS: THEIR CONSTRUCTION AND INTERPRETATION. A discussion of various graphic methods and their application to geographic data. Since emphasis will be placed upon the mastery of cartographic tools and instruments, this course should prove particularly helpful to those planning to enter government service or do other illustration work. Second session.

M., W. and F. at 3:00; laboratory, 2 hours, to be arranged.
MR. BURNHAM

S.T.201b. GEOGRAPHY OF THE FAR EAST. General geographical study of the Far East and a more detailed study of selected regions. It is important that S.T.201b follow S.T.16a. Second session.
Daily, except Saturday, at 9:00. MR. VAN VALKENBURG

S.T.214b. GEOGRAPHICAL PROBLEMS AND THE WAR. An analysis of strategic and critical materials in the conduct of the war; impact of the war on Latin America; what Latin America can and should do in the war; geographical interpretation of the problems related to the war front in Asia, Africa, and Europe. Second session.
Daily, except Saturday, at 2:00. MESSRS. CLARENCE F. JONES AND VAN VALKENBURG

S.T.232b. CLIMATOLOGY. Elements of climatology with application of specific examples of the climates of the world. Second session.
Daily, except Saturday, at 11:20. MR. VAN VALKENBURG

S.T.283b. CARIBBEAN AMERICA. A lecture course on the geography of Mexico, the Central America republics, and the islands bordering the Caribbean Sea; the regional geography of selected areas; increasing commercial significance of the Caribbean region to the United States; impact of the war on Caribbean America; what Caribbean America can and should do in the war. Second session.
Daily, except Saturday, at 10:10. MR. CLARENCE F. JONES

S.T.30b. SEMINAR IN GEOGRAPHY. An organized discussion of research problems and theses. Attendance is required of all students preparing theses or conducting research. Second session.
Monday at 3:00. MESSRS. CLARENCE F. JONES AND VAN VALKENBURG

S.T.34. RESEARCH IN GEOGRAPHY. For properly qualified students in either session.
Hours to be arranged. MESSRS. CLARENCE F. JONES AND VAN VALKENBURG

S.T.310a. RESEARCH IN REGIONAL PHYSIOGRAPHY. For properly qualified students in the first session.
Hours to be arranged. MR. ATWOOD, JR.

GERMAN

S.T.11. ELEMENTARY GERMAN. Vocabulary drill, pronunciation and grammar, composition, reading of easy prose. Divisible. Students of SS1, 1941, may enter the second session.
Daily, except Saturday, at 11:20. MR. BOSSHARD

S.T.12. SECOND YEAR GERMAN. Reading, thorough review of grammar essentials, exercises in composition. Prerequisite, German 11. Divisible. Students of SS2, 1941, may enter the second session.
Daily, except Saturday, at 10:10. MR. BOSSHARD

S.T.13. THIRD YEAR GERMAN. Extensive reading, chiefly in modern literature, grammar review, composition. Prerequisite, German 12. Divisible. Students of SS3, 1941, may enter the second session.

Daily, except Saturday, at 7:50. MR. BOSSHARD

HISTORY AND INTERNATIONAL RELATIONS

S.T.12a. AMERICAN GOVERNMENT. A course dealing with the government and politics of the United States. First session.

Daily, except Saturday, at 9:00. MR. GUY A. LEE

S.T.12b. EUROPEAN GOVERNMENTS. A course dealing with the leading governmental systems of Europe. Second session.

Daily, except Saturday, at 9:00. MR. DWIGHT E. LEE

S.T.15a. HISTORY OF ENGLAND. A general course forming a background for American history and an introduction to an understanding of Britain's place in the present world. Lectures, textbook, collateral reading and quizzes. First session.

Daily, except Saturday, at 7:50. MR. JORDAN

S.T.20b. EUROPE SINCE 1914. The internal and external development of the major European nations. This is the second half of the year course on Europe since 1848. Second session.

Daily, except Saturday, at 7:50 MR. DWIGHT E. LEE

S.T.21a. GREAT BRITAIN IN TWO WARS, 1914-18 AND 1939-42. England's struggle to maintain herself as a world power will be considered from the point of view of pre-war preparations as well as of the conduct of war-time operations. Students will be asked to report on special topics. First session.

Daily, except Saturday, at 11:20. MR. JORDAN

S.T.201. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. This will be a study of material, intellectual, and artistic currents, especially as they affect the "average man." It will include special consideration of institutions such as the school, the church, and the press, and of large influences such as war, depression, and great inventions. Divisible.

Daily, except Saturday, at 10:10 MR. GUY A. LEE

S.T.243b. THE AMERICAN FRONTIER. The westward movement from colonial times to the passing of the frontier will be discussed in detail. Second session.

Daily, except Saturday, at 11:20. MR. GUY A. LEE

PHYSICS AND MATHEMATICS

Physics

S.T.17. Introduction to Modern Physics. An elementary treatment of physical experiment and theory of the past fifty years including the more recent atomic and nuclear developments.

Daily, except Saturday, at 7:50. Messrs. Roope and Gunter

S.T.18b. Radio. Elementary theory. This course should be of value to those intending to enter military service or defense work. Prerequisites: general physics and freshman mathematics. Second session.

Daily, except Saturday, at 9:00. Mr. Gunter

S.T.23. Theory of Electricity and Magnetism. This course treats the general principles of dynamo and motor design, high-frequency phenomena and the electron theory of matter. The prerequisites are general physics and freshman mathematics. Analytical geometry, differential and integral calculus, or applied mathematics must be taken before or with this course. A knowledge of differential equations is desirable.

Daily, except Saturday, at 7:50. Messrs. Roope and Gunter

Note: Only one of the two courses, Introduction to Modern Physics and Theory of Electricity and Magnetism, will be given, depending on registration.

Applied Mathematics

S.T.19a. Astronomy. Chiefly descriptive, covering the main features of the heavens, celestial phenomena and the laws governing them, and the principal theories that have been devised to explain them. While not necessary, this course is a desirable background for celestial navigation. Prerequisites: general physics and freshman mathematics. First session.

Daily, except Saturday, at 9:00. Mr. Roope

ROMANCE LANGUAGES

Of the courses listed below, French ST12, French ST14, and Spanish ST11 are full courses continuing through the twelve weeks of the summer term. They are accepted in fulfillment of the same requirements met by similarly numbered courses given during the other terms. Properly qualified students may enter any of these courses at the beginning of the second session of the Summer Term without the least difficulty.

French ST11b and Spanish ST11b are offered to students who plan to attend only the second session of the Summer Term.

French

S.T.11b. The Reading Approach to French. Beginning course, with emphasis on the development of rapid reading ability. Incidental aural work and drill in the elements of grammar and pronunciation. Second session.

Daily, except Saturday, at 10:10. Mr. Churchman

S.T.12. Intermediate. For students who have passed two years of French in high school or one year in college. Rapid review of grammar, exercises and drill in pronunciation. Chief emphasis will be placed on extensive reading of carefully selected modern texts in the fields of French literature, history, and biography.

Daily, except Saturday, at 10:10. Mr. Dougherty

S.T.14. Readings in French Literature. For students who have passed three years of French in high school or two years in college. The aim of this course is two-fold: the attainment of facile reading ability and an understanding of French literature and civilization, derived from a detailed study of eight or nine works of classic and modern authors.

Daily, except Saturday, at 7:50. Mr. Dougherty

Spanish

S.T.11. Introductory. For beginners and those who have studied Spanish for less than one year. Elementary grammar and simple exercises in pronunciation. Greatest stress will be given to the development of reading ability and to a consideration of the cultural and artistic achievements of Spain and Spanish America.

Daily, except Saturday, at 9:00. Mr. Dougherty

S.T.11b. The Reading Approach to Spanish. Beginning course, with chief attention to the development of rapid reading ability. Incidental aural work and drill in the elements of grammar and pronunciation. Second session.

Daily, except Saturday, at 11:20. Mr. Churchman

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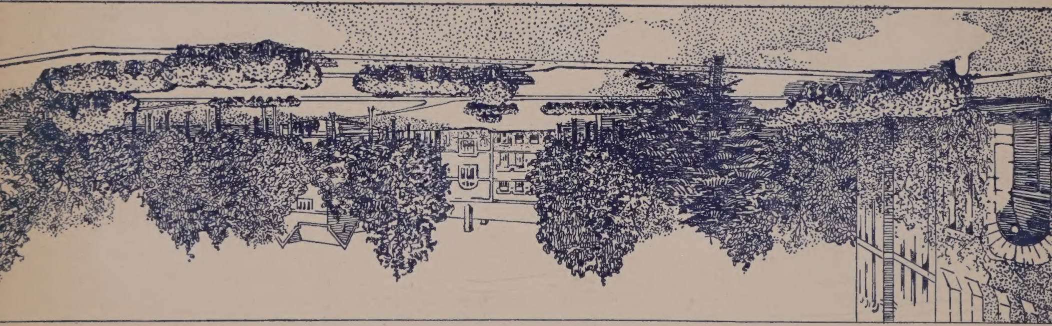

CLARK UNIVERSITY WORCESTER, MASSACHUSETTS

TRAINING FOR A CAREER IN BUSINESS